WÖHLER



Made in Germany

## YOUR WÖHLER TEAM IN THE UK



## WOHLER UK LIMITED

G1 Lincoln House Lincoln Way Sherburn in Elmet LS25 6PJ

01977 80 60 40■ info@wohler.co.uk



Monday to Friday 9 am - 5 pm



Andrew Moore Managing Director



**Ann Booker** Office Manager



Hold the camera of your smartphone over the QR code to be scanned and scan it. Once the code has been read, the relevant product is automatically called up on the Wöhler homepage. Now all you have to do is add it to your shopping basket and order.

## Measuring

Wöhler A 450/ 450 L Flue Gas Analyser	P. 4 –
Wöhler A 550/ 550 L Flue Gas Analyser	P. 6 -
Wöhler TI 410 Dew Point Indicator	P. 9
Wöhler DP 600 Leakage Tester	P. 10 – 13
Wöhler M 603 Leakage Tester	P. 14 – 1
Wöhler SC 660 Smart Connect	P. 16 – 1
Wöhler SC 602 Smart Connect	P. 18 – 1
Wöhler DM 602 Digital Manometer	P. 20 – 2
Wöhler GS 220 Gas Sniffer	P. 2
Wöhler GS 300 Gas Sniffer	P. 2
Wöhler RL 200 Refrigerant Leak Detector	P. 2
Wöhler RL 300 Refrigerant Leak Detector	P. 2
Wöhler MR 400 Refrigerant Manifold	P. 2
Wöhler RS 400 Refrigerant Scale	P. 2
Wöhler DC 410FLOW	P. 28 – 2
Wöhler FA 410 Fan Anemometer	P. 30 – 3
Wöhler IR Temp 310 Infrared Thermometer	P. 32 – 3
Wöhler CDL 210 CO <sub>2</sub> Datalogger	P. 3
Wöhler IQ 300 CO <sub>2</sub> Meter	P. 3
Wöhler CM 220 Carbon Monoxide Meter	P. 3
Wöhler KM 410 IAQ Instrument	P. 3

## Visual Inspection

Wöhler VIS 500 Visual Inspection System P. 38 – 39
Wöhler VIS 700 HD Visual Inspection System P. 40 - 41
Wöhler VE 220 HD Video Endoscope P. 42
Wöhler VE 400 HD Video Endoscope P. 43
Wöhler VE 500 HD Video Endoscope P. 44 – 46

## Cleaning of waste water pipes

Wöhler RM 200 Drain Cleaning Machine P. 48 - 49
Wöhler RM 300 Drain Cleaning MachineP. 50 - 51
Wöhler RM 400 Drain Cleaning Machine P. 52 – 53

## Cleaning Technology

Wöhler Snap & Sweep® System	P. 54 – 55
Wöhler Rotary Viper Duct M5	P. 56
Wöhler Rotary Viper Duct M10	P. 57
Wöhler Viper S	P. 58
Wöhler Viper M PLUS	P. 59
Accessories Cleaning Technology	P. 60 – 63
SF 300 Dust Collector	P. 64 - 65
Wöhler Compressed Air Cleaning	P. 66 – 67







## Wöhler A 450 L Flue Gas Analyser

Maintenance / adjustment work / flue gas measurement





## Features

- · Switch on read off done
- · Rugged and compact analyser that offers all measurement and tuning functions
- High-resolution 5" colour touchscreen: 14 measured values available at a glance
- $\boldsymbol{\cdot}$  Future-proof network connectivity with Wireless LAN
- · Wöhler Flue Gas Analysis App included for Android and iOS
- · Low follow-up costs: 48-month device and sensor guarantee<sup>1)</sup> without maintenance conditions

### Technical Data

Display	5" co	5" colour touchscreen		
Sensors	up to 3			
	O <sub>2</sub>	021%		
	CO	05,000 ppm 0100,000 ppm		
	NO	03,000 ppm (optional)		
Power supply	Lithium-ion battery 6 h service life			
Weight	620 g (with NO sensor included)			
Safety	3 Filter technology with filter monitoring			

## Wöhler A 450 L

## 5,000 ppm CO-Sensor

Scope of delivery: Wöhler A 450 L with 5,000 ppm CO-Sensor, WiFi, USB and IR interface, probe 250 mm with 1.5 m hose, USB charger with micro USB cable, LI-ion battery 3.6 V / 2250 mAh, 25 cotton filters

## Article no. 4503

Optional with 3,000 ppm NO-Sensor Article no. 4703

## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/164









## 100,000 ppm CO-Sonsor Scope of delivery: Wöhler A 450 L, 100,000 ppm CO-Sensor, WiFi, USB and IR interface, probe 250 mm with 1.5 m hose, USB charger with micro USB cable, Li-ion

battery 3.6 V / 2250 mAh, 25 cotton filters Article no. 4672

Wöhler A 450 L

Optional with 3,000 ppm NO-Sensor Article no. 4979

Accessories-Sets		Article no.
27	Starter Kit Maintenance Tasks Plastic case MIDI Wöhler A 450 L, Clamping cone, Water stop filters, 3 pieces, Cotton filters, 25 pieces, Wöhler TD 100 Thermal Fast Printer	6596
	Comfort Set Maintenance Tasks Plastic case Maxi Wöhler A 450, Air temperatur probe 220 mm, Clamping cone, PTFE cone, Water stop filters, 3 pieces, Cotton filters, 25 pieces, the Pressure Measurement Set, Wöhler TD 100 Thermal Fast Printer	6597

Accessories		Article no.
	Plastic Case MIDI 45 x 42 x 14 cm	6594
	Plastic Case MAXI 44.5 x 51.5 x 18 cm	4704
	Backpack for Wöhler A 450 / A 550	5101
	Wöhler TD 100 Thermal Fast Printer Infrared printer with 1 roll thermal paper	4160
	Air Temperature Probe 220 mm for Wöhler A 450 / A 550 with 1.8 m Cable	6545
	Probe 250 mm with 1.5 m hose for A 450 L	4498
	Clamping Cone for probes Ø 8 mm stainless steel, to stabilise the gas probe in the flue pipe	2494
-	Threaded cone for probes Ø 8 mm stainless steel, to stabilise the gas probe in the flue pipe	1235
€	PTFE Cone for air temp. probes Ø 8 mm to stabilise air temperature probes in openings Ø 10 - 15 mm	2463



## Wöhler Flue Gas Analysis App

Send and process all measurement data from the Wöhler Flue Gas Analysis via WiFi to mobile devices using the app.

## Wöhler A 550/550 L Flue Gas Analyser

Maintenance / adjustment work / flue gas measurement







## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_127







- · Overview: Large 7" touch display with visualisation of 14 measured and calculated value
- · Convenient: Switch on Read off Done
- · Safety: The CO purge pump actively protects the H<sub>2</sub>-compensated CO sensor from overload
- · Low follow-up costs: 48-month device and sensor guarantee1) without maintenance conditions
- · Equipped for the future: Accessories for special applications, e.g. measurements on combined heat and power plants
- · All-round device: Slots for 5 sensors
- · Fast: Fresh air pump for simultaneous calibration and core flow search

## **Technical Data**

Display	7"		
Sensors	up to 5		
	O <sub>2</sub>	021%	
	CO	035,000 ppm 0100,000 ppm	
	NO	03,000 ppm (optional)	
	NO <sub>2</sub>	01,000 ppm (optional)	
Power supply		Lithium-ion rechargeable battery, 12 hr service life	
Weight	from 1	from 1,250 g	
Safety		5 filter technology with filter monitoring	

## Wöhler A 550 Flue Gas Analyser 4,000 ppm CO-Sensor

Scope of delivery: Wöhler A 550 Flue Gas Analyser with Bluetooth-, USB- and IR-interface, O<sub>2</sub> sensor, CO sensor 4,000 ppm, CO protection pump, cable hose 1.7 m, changeable gas probe 295 mm, combustion air temp. plug, USBcharger with Micro-USB cable, Lithium-ion rechargeable battery, 1 waterstop filter, 1 coarse filter, 25 wadding filters, plastic case

## Article no. 8150

Optional with 3,000 ppm NO-Sensor Article no. 8153

## Wöhler A 550 L Flue Gas Analyser 35,000 ppm CO-Sensor

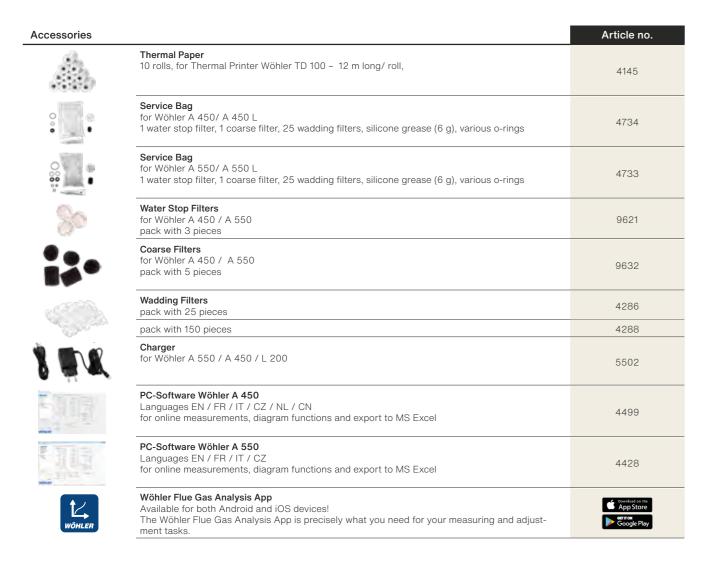
Scope of delivery: Wöhler A 550 L Flue Gas Analyser with O2 + CO 35,000 ppm, cable hose 1.7 m, gas probe 275 mm, USB-charger with Micro-USB cable, Lithium-ion rechargeable battery, 1 waterstop filter, 1 coarse filter, 25 wadding filters, plastic case

## Article no. 8133

Optional with 3,000 ppm NO-Sensor Article no. 8148

S		Article n
8	<b>Kit Maintenance Tasks</b> Air Temperature Probe 220 mm, PTFE Cone for air temperature probes Ø 8 mm to stabilise air temperature probes in openings Ø 10 − 15 mm, Wöhler TD 100 Thermal Fast Printer, 10 rolls Thermal Paper for Wöhler TD 100 Thermal Fast Printer, Servicebag incl. 1 water stop filter, 1 coarse filter, 25 wadding filters, silicone grease (6 g), various o-rings	11373
	Plastic Case MAXI Very robust case with foam inlet, ideal for the daily use. Provides enough room for the Wöhler A 550 flue gas analyser, as well as the thermo printer TD 100, soot pump kit, probes and cones	5577
	Wöhler A 550 Aluminium Framed Case Stable & upright including three horizontal inner compartments, document pocket, probe holding loops in the lid	3315
	Backpack for Wöhler A 450 / A 550	5101
	Wöhler TD 100 Thermal Fast Printer Infrared printer with 1 roll thermal paper	4160
	Air Temperature Probe 220 mm for Wöhler A 450 / A 550 with 1.8 m Cable	6545
	Hose assembly Wöhler A 550 L Twin hose model, 275 mm	7126
•	Clamping Cone for probes Ø 8 mm stainless steel, to stabilise the gas probe in the flue pipe	2494
)	Threaded Cone for probes Ø 8 mm stainless steel, to stabilise the gas probe in the flue pipe	1235
•	PTFE Cone for air temp. probes Ø 8 mm to stabilise air temperature probes in openings Ø 10 - 15 mm	2463
<b>&gt;</b>	Hose Assembly 3.0 m for Wöhler A 550 Gas Probe 3m cable without plug-in probe, programmed and calibrated, with coarse filter	7179
-	Gas Probe With union nut and protective cap 500 mm	9614
	295 mm	9622
	180 mm	9613
	130 mm	9652
•	Wöhler A 450 / 550 Flexible Probe 300 mm long, TÜV test, BS EN 50379 Part 2	3242
=	<b>Dew Point Indicator Probe</b> for Wöhler A 550	5512
<b>&amp;</b>	Wood Moisture Probe for Wöhler A 550	5513

1) Thermocouples, rechargeable batteries and NO sensors are excluded. Please refer to our general terms and conditions for further information.



Sensors field repl	Article no.	
O <sub>2</sub> -Sensor	021 Vol. %	5594
CO-Sensor	4,000 ppm	8166
CO-Sensor	4,000 ppm H <sub>2</sub> compensated	5595
CO-Sensor	35,000 ppm	4496
CO <sub>H</sub> -Sensor	100,000 ppm	5596
NO-Sensor	3,000 ppm	5597

## Wöhler TI 410 Dew Point Indicator

Control of flue gas back pressure on room-sealed gas fireplaces

#### Features

- · Control of flue gas back pressure on fireplaces
- · Visual and acoustic signal in the event of flue gas backflow
- · Sensitivity adjustable in four stages to adapt to different ambient conditions
- · Automatic switch-off after four minutes, therefore long battery life
- · High level of safety due to:
- Pulsed alarm tone
- Visual bar graph display
- Ambient temperature measurement





### **Technical Data**

Wöhler TI 410 Dew Point Indicator

Article no. 6808

Scope of delivery: Wöhler TI 410 Dew Point Indicator with swan neck, batteries and flexarm for sensor plate

Temperature measuring range	-40100 °C
Sensor plate	Double-sided
Indicators	acoustic through pulsed alarm tone
	optical through four-step bar
	increased temperature indication relative to the surroundings



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_137







## Wöhler DP 600 Leakage Tester

for tightness testing of chimneys and flue gas systems and for 4 Pa test





#### Features

- Equipped with a brilliant colour display and a simple menu navigation
- · Volume flow adjustable up to 200 m<sup>3</sup>/h
- · Extended pressure range up to ±7,000 Pa
- · Integrated memory for up to 100 measurement records
- · USB interface for the PC
- · IrDA interface for the printer
- Tightness classes preset for flue gas systems N, P and H according to EN 1443
- · 4 / 8 Pa test without any auxiliary measuring instrument

#### **Technical Data**

Pressure	Measuring range	±7,000 Pa
	Resolution	0.1 Pa from 0 900 Pa 1 Pa starting from 900 Pa
	Accuracy	±0.5 Pa ±2.5 % from measured value
Air volume flow	Measuring range	0200 Nm/h
without adapter	Resolution	0.1 Nm/h
	Accuracy	±2.5 Nm/h ±5 % from measured value
Air volume flow	Measuring range	010 Nm/h
with adapter 3.0	Resolution	0.01 Nm/h
	Accuracy	±0.05 Nm/h ±5 % from measured value
Air volume flow	Measuring range	018 NL/min
with adapter 0.3	Resolution	0.01 NL/min
U.S	Accuracy	±0.05 NL/min ±5% from measured value



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_122



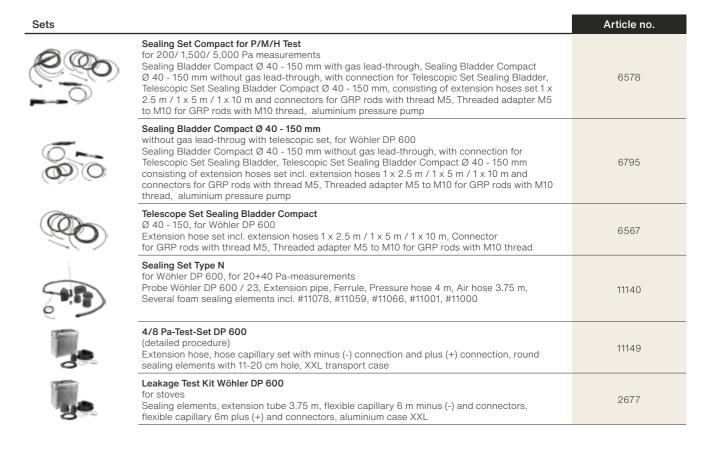


## Wöhler DP 600 Leakage Tester

Tightness testing of chimneys and flue gas

Scope of delivery: Wöhler DP 600, mains cable EU plug, adapters for all tightness tests of flue gas systems, plastic case, comes without sealing bladders and elements

Article no. 2678



Accessories		Article no.
	Push Rod Wöhler sealing bladder compact D40 - D150	11186
Ø	Wöhler Viper S 15 m GRP Rod 4.5 mm, 15 m stainless steel end piece M5, guidance adapter (without stars)	2028
1	Capillary Hose with (+) Connector Wöhler DP 600 / 700 for 4 Pa-Test capillary hose 6 m, connector, silicone hose	2604
1	Capillary Hose with (-) Connector Wöhler DP 600 / 700 for 4 Pa test Capillary hose 6 m and silicone hose	2672
(e)	Sealing Bladder Compact Ø 40 - 150 mm with gas lead through for Wöhler DP 600 with connecting hoses for air and pressure	6566
	Sealing Bladder Compact Ø 40 - 150 mm without gas lead through, for Wöhler DP 600 with connection for Telescope Set Sealing Bladder and hose with shut-off valve	6560
-	Gas coupling Ø 15 x 31 mm POM black for Wöhler DP 600 / DP 700; D 6.5, for the retrofitting of Wöhler DP 23 / 94 hose system	4732
	Sealing Bladder with gas lead through, for Wöhler DP 600 / DP 23 Ø 150 - 350 mm	7974
/	Ø 350 - 600 mm	7966
	Sealing Bladder without gas lead through, for Wöhler DP 600 / DP 23 Ø 150 - 350 mm	7971
_	Ø 350 - 600 mm	7981
	Wöhler Telescopic Bladder Ø 150 - 350 mm for Wöhler DP 600 / DP 23 without gas feed-through, with 20 m hose for pushing upwards, mounting for GRP rod or viper	7938

WÖHLER

Wöhler Replacement Bladder Body	Article no.
for compact bladders Ø 40 - 150	6794
Replacement Bladder for sealing bladders with or without gas lead t	hrough 8034
Ø 50 - 150 mm	
Ø 150 - 350 mm	6217
Ø 350 - 600 mm	6215
Aluminium Pump Master-Blaster for test sets, gas pipes and sealing bubbles	53817
Valve Set for compressor "Airman" and aluminium pump	o Master-Blaster 55447
Extension Tube 3.75 m for Wöhler DP 600 Ø 50 mm	50676
Measuring Hose Ø 5.5 mm / 1 m	2338
Filter pad Wöhler for Wöhler DP 600 / DP 700 5 pieces	2617
Smoke Cartridges pack of 5 for checking the tightness of flue gas systems each cartridge produces 3 - 4 minutes of light	
Sealing Element Round for measuring tasks   for Wöhler DP 600 / 23 with hole Ø 4 cm   Height 14 cm	
Ø 11 – 15 cm	11055
Ø 11 – 20 cm	11000
Ø 14 –18 cm	11064
Ø 17 – 21 cm	11054
Ø 23 – 27 cm	11068
Sealing Element Round	
no hole   for measuring tasks   Wöhler DP 600 Height 14 cm	
	11056
Height 14 cm	11056 11066
Height 14 cm Ø 11 - 15 cm	
Height 14 cm Ø 11 - 15 cm Ø 14 - 18 cm	11066
Height 14 cm Ø 11 – 15 cm Ø 14 – 18 cm Ø 17 – 21 cm	11066 11057
Height 14 cm Ø 11 - 15 cm Ø 14 - 18 cm Ø 17 - 21 cm Ø 23 - 27 cm Ø 29 - 33 cm  Sealing Element Square with hole   for measuring tasks   Wöhler DP 60 Height 14 cm   Hole Ø 4 cm	11066 11057 11058 11067
Height 14 cm Ø 11 – 15 cm Ø 14 – 18 cm Ø 17 – 21 cm Ø 23 – 27 cm Ø 29 – 33 cm  Sealing Element Square with hole   for measuring tasks   Wöhler DP 60 Height 14 cm   Hole Ø 4 cm 10 x 20 cm   15 x 26 cm	11066 11057 11058 11067 200 / 23
Height 14 cm Ø 11 – 15 cm Ø 14 – 18 cm Ø 17 – 21 cm Ø 23 – 27 cm Ø 29 – 33 cm  Sealing Element Square with hole   for measuring tasks   Wöhler DP 60 Height 14 cm   Hole Ø 4 cm 10 x 20 cm   15 x 26 cm  11 x 23 cm   19 x 31 cm	11066 11057 11058 11067 200 / 23 11069
Height 14 cm Ø 11 – 15 cm Ø 14 – 18 cm Ø 17 – 21 cm Ø 23 – 27 cm Ø 29 – 33 cm  Sealing Element Square with hole   for measuring tasks   Wöhler DP 60 Height 14 cm   Hole Ø 4 cm 10 x 20 cm   15 x 26 cm  11 x 23 cm   19 x 31 cm  12 x 12 cm   19 x 19 cm	11066 11057 11058 11067 200 / 23 11069 11059 11070
Height 14 cm Ø 11 – 15 cm Ø 14 – 18 cm Ø 17 – 21 cm Ø 23 – 27 cm Ø 29 – 33 cm  Sealing Element Square with hole   for measuring tasks   Wöhler DP 60 Height 14 cm   Hole Ø 4 cm 10 x 20 cm   15 x 26 cm  11 x 23 cm   19 x 31 cm	11066 11057 11058 11067 200 / 23 11069

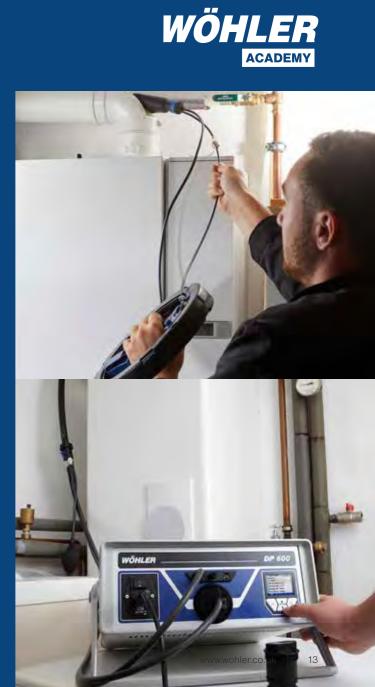
Accessories		Article no.
	Sealing Element Square no hole   for measuring tasks   for Wöhler DP 600 / 23 Height 14 cm 8 x 16 cm   16 x 26 cm	11077
	12 x 12 cm   21 x 21 cm	11001
	12 x 24 cm   20 x 32 cm	11078
	18 x 18 cm   23 x 23 cm	11060
	22 x 22 cm   29 x 29 cm	11071
	27 x 27 cm   34 x 34 cm	11065
	33 x 33 cm   39 x 39 cm	11073
	100 x 100 cm	11076
	Aluminium Case XXL 48 x 27 x 48 cm	5824
	Universal Box for Wöhler DP 600 / DP 700 offers sufficient space for the Wöher DP 600 / DP 700 leakage tester as well as printer, sealing set type N and all sealing elements (remove original insert)	50784

# Measuring Knowledge platform

# Leakage testing of exhaust gas systems

To keep the heating system running smoothly, it's essential to use fans or blowers to expel flue gases outdoors. This process generates an overpressure in the flue gas system. If there are any leaks in the flue gas pipes, harmful gases could seep into the indoor air. For this reason, it's a good idea to perform a leak test on the flue gas system.







## Wöhler M 603 Leakage Tester

Load/tightness/serviceability test







## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_186





- · Measurements on gas pipes and components
- Load, leak and serviceability test
- Gas regulator testing
- · Measurements on drinking water pipes in accordance with BS EN 806
- with water in conjunction with the Wöhler SC 660 Smart Connect
- · Logger measurements
- · Many pressure and temperature measurements (also possible via external temperature sensor)
- · Intuitive operation via the robust 5" colour touchscreen
- · All pressure tests on gas and drinking water pipes
- · Guaranteed standard-compliant measurement thanks to automatic measurement sequence with built-in pumps
- Extensive range of accessories for all pressure tests

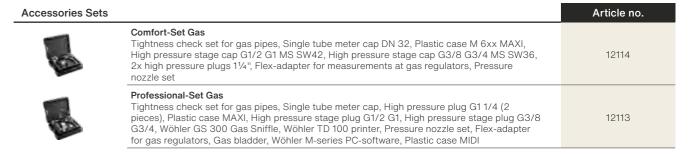
## **Technical Data**

Differential pressure measurement	Measuring range	±3,000 hPa
(temperature- compensated piezo bridge)	Accuracy	< 3% of the measured value; in the range < ± 2 hPa better than ± 0.06 hPa
	Resolution	0.01 hPa in the range from – 210 hPa to +210 hPa, otherwise 0.1 hPa
Leakage amount (usability measure-	Measuring range	0.0 I/h to 10.0 I/h, tested up to 8 I/h
ment)	Accuracy	± 0.2 I/h in the range from 0 to 4 I/h, otherwise 5% of the measured value
	Resolution	0.1 l/h
Logger function	Scope	9,999 measurements
	Selectable scanning intervals	1 second to 24 h

## Wöhler M 603 Leakage Tester

Scope of delivery: Wöhler M 603 Leakage Tester, Lithiumion battery, Hand strap, Measuring tube 1.5 m, Power supply with USB cable

Article no. 11377



Accessories		Article no.
O	Pressure Measurement Set for Wöhler Digital Manometer One 1.5 m measuring hose Ø 7.5 mm / Ø 3.5 mm each, plastic T-pieces 4 and 8 mm, plastic connector 4 mm, plastic reducer 4 to 8 mm	56126
رق الله	Wöhler Gas Pipe Tightness Set Valve block with 4 connection hoses (length 1m), with fast connection each, 2 conical closing plugs, Single closure, Pressure pump	10063
	Adapter Gas Counter DN 32 with connector maxi	21574
\$	High Pressure Plug 1/2" and 1" with gasket rings	7213
\$	High Pressure Plug 3/8" & 3/4" with gasket rings	7214
4	High Pressure Plug 11/4" with plug nipple Maxi for two-pipe gas meter 2 pack	11023
Live De	High Pressure lock 1/8"	21612
000	Flex-Adapter G1/8" for measurements at gas regulators	11144
	Gas Bladder for Wöhler M 603 or DC 420 Gas bladder with self-locked coupler for measuring the leakage rate with gas	9232
	Wöhler M-Series PC-Software Languages: EN / IT / NL For analysing the measurement data of the Wöhler M 603 Leakage Tester. The software is available for download. You will receive a separate e-mail with the download link.	25009
	Plastic Case M 6xx MAXI Gas	11141
	Plastic Case M 6xx MIDI Gas	11146
044 0	Service Bag for Wöhler DC 420 Silicon grease, Wadding filters, O-ring, Smart Plug	9243
	Wöhler TD 100 Thermal Fast Printer Infrared printer with 1 roll thermal paper	4160
	Thermal Paper 10 rolls for Thermal Printer Wöhler TD 100 - 12 m long/ roll,	4145



## Wöhler M-Serie PC-Software

Transfer all measurement data from the Wöhler M 603 to the PC and analyse it there.

## Wöhler SC 660 Smart Connect

Leak testing of drinking water pipes according to BS EN 806



### Features

- · Measurements of drinking water pipes with water according to BS EN 806
- · Temperature measurements (internal and via external temperature sensors possible)
- · High measuring range up to 60 bar
- · Can be used as an independent measuring device with its own display
- · Connection to the Wöhler Smart Connect App also enables live measurements, logger measurements and measurements in accordance with BS EN 806-4
- · Pressure, temperature, relative humidity and ambient
- · Suitable adapters for e.g. tap, angle valve, wall disc, shower hose and aerator



Took	اممنم	Data
1600	шсаг	บลเล

Relative pressure (differential pressure compared to the ambient pressure)	Measuring range	-160 bar
	Permissible overload	65 bar
	Accuracy	< 3 % of measured value, in the range +/- 1 bar better than 0.03 bar
	Resolution	0.01 bar
Temperature, internal	Measuring range	-2060 °C
	Accuracy	< ±1 °C
	Resolution	0.1 °C
Temperature, external	Measuring range	-20800 °C
	Accuracy	-2067 °C
	Resolution	0.1 °C



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_182

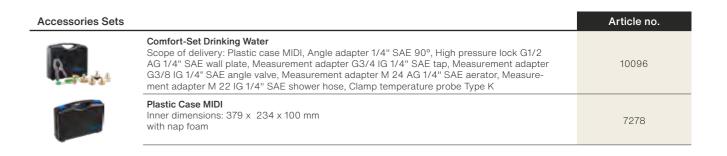




## Wöhler SC 660 Smart Connect EN

Scope of delivery: Wöhler SC 660 Smart Connect, Batteries, Hand loop, Bag

Article no. 10133



Accessories		Article no.
III	Angle Adapter 1/4" SAE 90° for Wöhler SC 660	8841
4	High Pressure Lock G1/2 AG 1/4" SAE for Wöhler SC 660 Wall plate	8843
do	Adapter G3/4 IG 1/4" SAE for Wöhler SC 660 Tap	8856
4	Adapter G3/8 IG 1/4" SAE for Wöhler SC 660 Angle valve	8857
<b>i</b>	Adapter M22x1 IG 1/4" SAE for Wöhler SC 660 Shower hose	11178
4	Adapter M24x1 AG 1/4" SAE for Wöhler SC 660 Aerator	11179
A	Clamp Temperature Sensor Type K 1.5m cable	62616
	Battery for SC 6xx and DM 602 Li-polymer battery module with USB-C charging port	8839
	Connection Valve 1/4"SAE IG, 1/4"SAE AG for Wöhler SC 660	62694



### Wöhler Smart Connect App

Send and process all measurement data from the Wöhler Smart Connect via Bluetooth® to mobile devices using the app.



## Wöhler SC 602 Smart Connect

Load/tightness/serviceability test



### Features

- · Extremely responsive display of the measured value
- Illuminated display for quick reading of the measured value
- Settings, measurements and documentation made easy via thee Wöhler Smart Connect App
- Robust sensor up to 3,000 hPa and high-resolution measuring range (0.01 hPa)
- · Integrated magnets, shock-protected housing
- Stable measured values in any position thanks to highquality pressure sensor
- Optional: Lithium-polymer battery for an extra long service life
- Optimally equipped: Comprehensive accessories for all pressure tests



Technical Data		
Differential pressure	Measurement range	±3,000 hPa
	Accuracy	< 3 % of measured value in the range < ±2 hPa better than ±0.06 hPa
	Resolution:	0.01 hPa in the range -210210 hPa otherwise 0.1 hPa
Internal temperature measurement	Measurement range	-2060 °C
External temperature measurement	Measurement range	-20800 °C



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_181

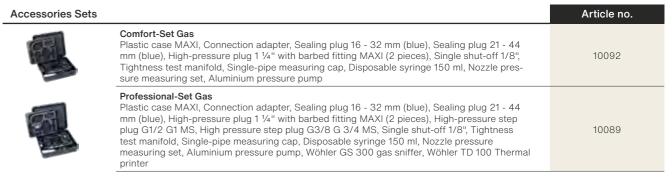




## Wöhler SC 602 Smart Connect

Scope of delivery: Wöhler SC 602 Smart Connect, Batteries, Hand loop, Bag

Article no. 10184



Accessories		Article no.
O	Pressure Measurement Set for Wöhler Digital Manometer One 1.5 m measuring hose Ø 7.5 mm / Ø 3.5 mm each, plastic T-pieces 4 and 8 mm, plastic connector 4 mm, plastic reducer 4 to 8 mm	56126
	Wöhler Gas Pipe Tightness Set Valve block with 4 connection hoses (length 1m), with fast connection each, 2 conical closing plugs, Single closure, Pressure pump	10063
	Adapter Gas Counter DN 32 with connector maxi	21574
\$	High Pressure Plug 1/2" and 1" with gasket rings	7213
<b>\$</b>	High Pressure Plug 3/8" & 3/4" with gasket rings	7214
4	High Pressure Plug 11/4" with plug nipple Maxi for two-pipe gas meter 2 pack	11023
The same of the sa	High Pressure Lock 1/8"	21612
	Connection Adapter	11184
On order	Disposable Syringe 150 ml	4765
	Plastic Case M 6xx MAXI Gas	11141
	Plastic Case M 6xx MIDI Gas	11146
•44	Service Bag Silicon grease, Wadding filters, O-ring, Smart Plug	9243
	Wöhler TD 100 Thermal Fast Printer Infrared printer with 1 roll thermal paper	4160
	Thermal Paper 10 rolls for Thermal Printer Wöhler TD 100 - 12 m long/ roll,	4145
PA	Battery for SC 6xx and DM 602 Li-polymer battery module with USB-C charging port	8839



## Wöhler Smart Connect App

Send and process all measurement data from the Wöhler Smart Connect via Bluetooth® to mobile devices using the app.

## Wöhler DM 602 Digital Manometer

Burner adjustment of gas burners



- · Adjustment of the gas pressure on gas fireplaces
- · Measurement of the fan differential pressure
- · Measurement of chimney draught
- · Temperature measurement
- · Integrated magnets, shock-protected housing
- · Robust sensor up to 3 bar as well as high resolution measuring range (1 Pa)
- · Extremely responsive display of the measured value
- · Illuminated display for quick reading of the measured
- · Stable measured values in any position due to high-quality pressure sensor
- · Printout of test results directly on site with the Wöhler TD 100
- · Selectable measuring units





Differential	Measuring range	±3,000 mbar
pressure	Resolution	0.01 hPa in range -210210 mbar otherwise 0.1 mbar
	Accuracy	< 3 % from measured value in range < ±2 mbar better than ±0.06 mbar
Internal	Measuring range	-2060 °C
temperature measurement	Resolution	0.1 °C
	Accuracy	< ±1 °C
External	Measuring range	-20800 °C
temperature	Resolution	0.1 °C
measurement (with connected temperature sensor)	Accuracy	< ±1 °C in range -2067 °C otherwise 1.5 % from measured value according to EN 50379-1

## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_183





Wöhler DM 602 Digital Manometer Display indication in mbar and °C

Scope of delivery: Wöhler DM 602 Digital Manometer, Batteries, Hand strap, Measuring hose 1.5 m

Article no. 8837

Accessories Sets		Article no.
No.	Accessory Set Nozzle Pressure Scope of delivery: Case MINI, Nozzle pressure measuring set	10094
	Accessory Set Chimney Draft Plastic case MINI, Measurement hose with probe and thread cone	10093
O	Pressure Measurement Set for Wöhler Digital Manometer One 1.5 m measuring hose Ø 7.5 mm / Ø 3.5 mm each, plastic T-pieces 4 and 8 mm, plastic connector 4 mm, plastic reducer 4 to 8 mm	56126



## Wöhler GS 220 Gas Sniffer

Display in five steps from 40 to 920 ppm



## Applications

· Leakage detection of gas lines carrying combustible gases

## Features

- · Calibrated for methane (CH4) and liquid petrol gas (LPG)
- · Highly sensitive and quick response
- $\cdot\,$  440 mm flexible gooseneck for easy access of hard to reach spots
- · Handheld unit



### **Technical Data**

Sensitivity	Methane	40640 ppm
	Propane	60920 ppm
Sensor	Semiconductor	
Flexarm	Measuring range	440 mm
Warm-up time	approx. 50 sec.	
Reaction time	approx. 10 sec.	

## Wöhler GS 300 Gas Sniffer

Display in twelve steps from 0 to 1,200 ppm

## **Applications**

· Highly sensitive and quick responsive Gas Sniffer for tightness control and leakage detection of gas lines carrying combustible gases

## Features

- · Acoustic signal and vibration alaram to display even the smallest leaks
- · Display of gas concentration via bar graph in twelve levels from 0...1,200 ppm
- · Perfect tool to control natural gas, as well as liquified gas installations
- · Additional LED lighting turns on automatically in dark places, to search for leaks in hard to reach spots (flashlight function)



### **Technical Data**

Sensitivity	Methane	01,200 ppm
	Propane	01,200 ppm
Sensor	Semiconductor	
Alarm function	visual, acoustic	, vibrating
Flexarm	440 mm	
Warm-up time	approx. 60 sec.	
Reaction time	approx. 10 sec.	



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_56





## Wöhler GS 220 Gas Sniffer

Scope of delivery: Wöhler GS 220 gas sniffer with 440 mmgooseneck, batteries and plastic case

Article no. 6606

## Wöhler GS 300 Gas Sniffer

Scope of delivery: Wöhler GS 300 gas sniffer with 440mm, gooseneck, batteries and plastic case

Article no. 7707



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_155





WÖHLER www.wohler.co.uk 23

## Wöhler RL 200 Refrigerant Leak Detector

For leakage control and leak detection on refrigerant systems



- · Precise and reliable detection of the smallest leaks due to high sensitivity (3 g/a)
- · Meets the requirements of the F-Gas Regulation and BS EN 14624:2012
- · Easy to use due to digital display and automatic zero value



## **Technical Data**

Tested for	R134a	
Sensitivity (R134a)	3 g/a	
Response time (R134a)	<1s	
Detectable	FCKW	R11, R12, R500, R503
refrigerants	HFCKW	R22, R123, R124, R502
	HFKW	R134a, R404a, R410a, R407C, R32
	others	R290, R600a, R1234YF, Forming Gas (95% N <sub>2</sub> + 5% H <sub>2</sub> )
Sensor	Zeroing	Automatic or manual

## Wöhler RL 300 Refrigerant Leak Detector

For checking for leak detection on refrigeration systems and heat pumps

### Features

- · Precise and reliable detection of the smallest leaks thanks to high sensitivity (3 g/a)
- · Automatic zero value setting
- · Fulfils the requirements of the F-Gas Regulation and DIN EN 14624:2020
- · Digital bar graph display of the refrigerant concentration in 11 levels
- · Visual, acoustic and vibration alarm
- · The display lighting and two LED lamps switch on automatically in dark surroundings



## **Technical Data**

lecillical Data			
Tested for	R134a, R123	R134a, R1234yf und R290	
Sensitivity (R134a)	3 g/a		
Response time (R134a)	2.1 s		
Detectable refrigerants	FCKW	R11, R12, R500, R503, R502	
	HFCKW	R22, R123, R124	
	HFKW	R134a, R404a, R410a, R407C, R32	
	others	R290, R600a, R1234YF, Forming Gas (95% $N_2$ + 5% $H_2$ )	
Sensor	Zeroing	Automatic or manual	



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_196





## Wöhler RL 200 Refrigerant Leak Detector

Scope of delivery: Wöhler RL 200 Refrigerant Leak Detector, Gooseneck 440 mm, Batteries, Plastic case

Article no. 11361

## Wöhler RL 300 Refrigerant Leak Detector

Scope of delivery: Wöhler RL 300 Refrigerant Leak Detector with gooseneck 440 mm, Batteries, Plastic case Article no. 3832





## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_204





WÖHLER

## Wöhler MR 400 Refrigerant Manifold

Maintenance work on refrigeration systems and heat pumps



#### **Features**

- · Maintenance work on refrigeration systems and heat
- · Diagnosis of operating states of refrigerants in refrigerant
- · Indication of high and low pressure
- · Measurement of superheating and subcooling
- · Vacuum measurements



### Technical Data

Toommour Butu		
Pressure	Measuring range	-155 bar
	Accuracy	±0.5 % of the full scale value
	Resolution	0,03 bar
Temperatur	Measuring range	-40150 °C
	Accuracy	±0.5 °C
	Resolution	0.1 °C
Refrigerant	R410A R134a R407C R404A R32 R290 R1234yf R514A R600A R513A	

## Wöhler RS 400 Refrigerant Scale

Weight measurement to determine the contents of pressure vessels

#### Features

- · Can be used with all common refrigerants
- · Easy handling due to practical accessories, for example lockable connection hoses (ball valves)
- $\boldsymbol{\cdot}$  Everything is in view on the digital displays of the units
- · Easy storage and transport due to the plastic case and high-quality carrying bag



## **Technical Data**

Weight	Meassurement range	0100 kg
	Accuracy	$\pm$ 0.5 % of the measured value + 10
	Resolution	5 g



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_197





## Wöhler MR 400 Refrigerant Manifold

Scope of delivery: Wöhler MR 400 Fitter's aid, 3 AA batteries 1.5 V, 2 temperature clamps, Refrigerant hoses (each with 1/4" SAE thread, closable with ball valve), Transport

Article no. 11367

## Wöhler RS 400 Refrigerant Scale

Scope of delivery: Wöhler RS 400 Refrigerant Scale with operating unit, 5 x AAA batteries 1.5 V, Bag Article no. 11363



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_195





WÖHLER

## Wöhler DC 410<sup>FLOW</sup>

Ultra-fine pressure measurement from 0.01 Pa





- · 4 Pa measurement: Assessment of sufficient combustion air supply
- · Flow velocities in air ducts
- $\boldsymbol{\cdot}$  Ultra-fine pressure measurement from a resolution
- · Energy assessment of the heating system (heating check 2.0 in accordance with DIN EN 15378)
- · Very precise, extremely low drift
- · USB connection for data transfer to PC / notebook
- · A brief overview of the combustion air supply is provided through the graphical display
- · Data logger



## **Technical Data**

Differential Pressure	Range	±100 hPa
	Accuracy	< 3 % of the reading, if the value is < ±5 Pa, better than ±0.15 Pa
	Resolution	0.01 Pa within the range ±110 Pa 0.1 Pa within the range ±1,000 Pa otherwise 1 Pa
Temperature (internal sensor)	Range	-2060 °C
External tempera- ture probe	Range	2 canals -20800 °C



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_118





## Wöhler DC 410FLOW

## Standard Set

Scope of delivery: Wöhler DC 410FLOW Pressure Differential & Flow Meter, rechargeable batteries and charger, 2 capillary hoses, Wöhler DC 4xx case

Article no. 9286

Accessories Sets		Article no.
	Comfort Set for Wöhler DC 410 FLOW Scope of delivery: Batteries, Charger, Telescopic flow probe, Clamp holder, Sealing element, Hose capillary, Air temperature sensor, Case	6468
130°	Accessory set professional EN-FR-NL-CZ Rechargeable batteries and charger, Wöhler TD 100 fast thermal printer, Wöhler PC software EN-FR-NL-CZ, Capillary hoses, Wöhler telescopic flow probe with probe holder and sealing element, Air temperature probe, Plastic case Maxi	6418

cessories		Article no.	
3	Wöhler Telescopic Flow Probe Air velocity and temperature measurement, System measurement in rectangular ventilation ducts (Trivial method accoring to DIN EN 12599), Volumetric flow rate measurement in round ventilation ducts (Method of centroidal axis according to DIN EN 12599)	1012	
	Pitot tube Ø 7 mm 35 cm	9487	
	50 cm	9488	
	100 cm	9489	
	Flexible Capillary Hose 3m for Wöhler DC 410FLOW differential pressure measurement between adjoining rooms with Wöhler DC 410Flow, 1 x capillary hose 3 m, connector, silicone hose	4515	
	Pipe Surface Temperature Probe with Velcro thermocouple type K for pipes up to ∅ 100 mm	1126	
	Surface Temperature Sensor encapsulated For plug-in flue gas probes Wöhler A 450 / A 550 / A 400 / A 500 / A 600 / DC 410 and DT 310 in accordance with DIN EN 15378 Heating check 2.0 For measuring the surface temperature on boilers, ceilings and walls, determining the U-value, etc. Measuring range up to 100 °C. During measurement, the sensor element is protected from external temperature influences by a housing sealed with a round sealing ring. When assessing the energy efficiency of heating systems (heating check), e.g. as part of a customer consultation, the temperature sensor can be used to assess the surface loss of the boiler.	4651	
	Surface Temperature Probe with clamp, range up to 100°C, clamp for pipes Ø 6 - 35 mm	6679	
	Surface Temperature Probe TF1 Thermocouple type K, up to max. 500°C / 392°F	6625	
	Surface Temperature Probe TF2 Thermocouple type K, up to max. 500°C / 932°F	6626	
	Penetration Temperature Probe TF4 for Wöhler DC 410Flow / DT 310 Thermocouple type K, up to max. 600°C / 1112°F	6629	
	Data Exchange Software for DC 4xx / DP 600 / DP 700 / CFM 600 EN-FR-NL-CZ The Software can be downloaded. You will receive a separate email including the link.	1005	
	Mini USB Interface Cable	2024	
	Wöhler TD 100 Thermal Fast Printer Infrared printer with 1 roll thermal paper	4160	
	Thermal Paper 10 rolls for Thermal Printer Wöhler TD 100 - 12 m long/ roll,	4145	
		vww.wohler.co.uk	2

## Wöhler FA 410 Fan Anemometer

Volume flow measurement at air diffusers









## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_103









- · Direct volume flow measurement at air diffusers in conjunction with the measuring funnel, e.g. in accordance with EN 12599 / 16211
- · Integrated calculation of the volume flow from area and velocity during loop measurement
- · Parallel measurement of air velocity and volume flow
- · Measurement protocol via IR transmission to thermal
- · Optional with swirl rectifier for measurements of swirl diffusers

## **Technical Data**

Range	Flow velocity	0.530 m/s
	Volume flow (operating volume flow)	099,999 m/h
	Temperature	-2060 °C
	Relative humidity	0.199.9 %



## Wöhler FA 4xx App

Send and process all measurement data from the Wöhler FA 4xx via Bluetooth® to mobile devices using the app.

## Wöhler FA 410 Fan Anemometer

Scope of delivery: Wöhler FA 410, fan, 4 x AAA batteries, plastic carrying case

Article no. 4146

## Wöhler FA 410 - Set

## Fan Anemometer set with funnel

Scope of delivery: Wöhler FA 410 Fan anemometer, 4 x AAA batteries, plastic case, Wöhler FA 4xx measuring funnel set with rectangular and round measuring funnel in a handy carrying bag; funnels can be clipped onto the fan anemometer, rectangular funnel: 346 x 346 mm, round funnel: Ø 210 mm Article no. 4155

## Article no. Accessories Wöhler FA 4xx Airflow Cone Set 1 rectangular funnel 346 x 346 mm, 1 round funnel Ø 210 mm, transport bag 4148 Telescope Set with Smartphone Holder Telescopic rod, Universal Smartphone Holder, Funnel Holder 6849 Telescopic Bar for cone Wöhler FA 4xx 4684



## STAY INFORMED AT ALL TIMES WITH OUR NEWSLETTER

You will receive £25 discount as a welcome gift when you subscribe to our newsletter!

 $^*$ Vaild for orders of £150 or more!



Register here wohler.co.uk/newsletter/





@wohler\_uk



wohler\_uk







Follow us on our socials and don't miss the latest insights and product releases.

## Wöhler IR Temp 310 Infrared Thermometer

Detecting thermal bridges







# Wöhler online shop Discover all the details about the product and much more. Plus, ordering is easy! wohler.co.uk/P\_179

- · Multifunctional infrared thermometer
- Simple detection of thermal bridges
- Assessment of mould growth potential
- Assessment of the room climate
- · Thermal bridge detection with coloured display of temperature tendency
- $\boldsymbol{\cdot}$  Display of the surface and dew point temperature with representation of the mould hazard potential
- · Adjustable temperature limit values with acoustic, visual and haptic alarm
- · External temperature sensor can be connected e.g. surface temperature sensor, temperature sensor for determining the specific emission factor
- · Display of relative humidity and dry bulb temperature
- · Measuring range display via laser measuring circuit
- · Storage of 50 data records (incl. emission factor)

## **Technical Data**

Measurement	Internal Probe	-60550 °C
Range	External Probe	-641,400 °C
	Relative Humidity	199 %
Accuracy	±1 °C or ±1 % of read	ing
Resolution	0.1 °C	
Distance / Spot	12:1	
Response Time	1 sec.	
Internal Memory	50 memories with temperature and emissivity	
Emissivity Range	0.95 default, adjustable from 0.1 to 1	
Backlight	Permanent	

Wöhler IR Temp 310 Infrared Thermometer

Scope of delivery: Wöhler IR Temp 310 Infrared Thermometer, 2 x AAA batteries

Article no. 1388

Additional product		Article no.
	Wöhler DT 310 Differential Thermometer Wöhler DT 310, 2 surface probes (type K), battery, plastic carrying case	6622

Accessories	Article no.
Surface Temperature Sensor encapsulated For plug-in flue gas probes Wöhler A 450 / A 550 / A 400 / A 500 / A 600 / DC 410 and DT 310 in accordance with DIN EN 15378 Heating check 2.0 For measuring the surface temperature on boilers, ceilings and walls, determining the U-value, etc. Measuring range up to 100 °C. During measurement, the sensor element is protected from external temperature influences by a housing sealed with a round sealing ring. When assessing the energy efficiency of heating systems (heating check), e.g. as part of a customer consultation, the temperature sensor can be used to assess the surface loss of the boiler.	4651
Clamp Temperature Sensor type K 1.5m cable	62616
Pipe Surface Temperature Probe with Velcro thermocouple type K for pipes up to ∅ 100 mm	1126
Flue Gas Temperature Probe TF5 for Wöhler A 500 / DT 310 Thermocouple type K, up to max. 900°C / 1652°F	6635
Penetration Temperature Probe TF4 for Wöhler DC 410 <sup>Flow</sup> / DT 310 Thermocouple type K, up to max. 600°C / 1112°F	6629
Air Temperature Plug Wöhler A 450 / A 550	5517

## Wöhler CDL 210 CO<sub>2</sub> Datalogger

Assessment of indoor air quality



### Features

- · Comfort display with adjustable limit values and acoustic and visual alarm function
- · Datalogger with adjustable log rates
- · Adjustable alarm function reminds to supply fresh air, thus preventing the spread of viruses (e.g. the corona virus) in closed rooms
- · Continuous data transmission for online measurement and monitoring



## **Technical Data**

CO <sub>2</sub> -	Measuring range	09,999 ppm
measurement	Resolution	1 ppm
	Accuracy	±50 ppm ±5 % from measured value (02,000 ppm)
Temperature	Measuring range	-1060 °C
	Resolution	0.1 °C
	Accuracy	±0.6 °C (±0.9 °F)
Humidity	Measuring range	595 % r.h.
	Resolution	0.1 % r.h.
	Accuracy	at 1090 % 25 °C: ±3 % r.h. otherwise: ±5 % r.h.
Power supply	AC power supply 5V	

as well as for analysing problems

Scope of delivery: Wöhler CDL 210 CO2-Data Logger, power supply unit, USB data cable and PC software

Article no. 6648

## Wöhler IQ 300 CO<sub>2</sub> Meter

Indoor air quality monitoring

#### Features

- · The Wöhler IQ 300 CO2 meter is ideal for monitoring air quality in classrooms, waiting rooms, seminar rooms, etc.
- · Via a bright traffic light LED and a clear audible tone, the Wöhler IQ 300 warns when ventilation is required
- · Ideal for monitoring indoor air quality (good, normal, poor)
- · Bright traffic light LED bar
- · Alert tone
- · Large display of the CO<sub>2</sub> level
- · Adjustable to individual preferences
- · Trend display on the development of indoor air quality





Wöhler IQ 300 CO, Meter

Article no. 4750

Range	09,999 ppm
Resolution	1 ppm
Accuracy	±50 ppm ±5 % of measured value at 02.000 ppm ±10 % of measured value at > 2,000 ppm
Range	-050 °C
Resolution	0.1 °C
Accuracy	±0.6 °C (0.9 °F)
Range	0.199.9 %
Resolution	0.1 % r.h.
Accuracy	±5 % at 1090 % r.h. and 25 °C, otherwise 7 %
	Resolution Accuracy  Range Resolution Accuracy Range Resolution

to assess the indoor air quality and ventilation situation

Scope of delivery: Wöhler IQ 300, power supply



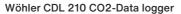
## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_193







for assessing indoor air quality and the ventilation situation,

Wöhler online shop

wohler.co.uk/P\_113

Discover all the details about the product

and much more. Plus, ordering is easy!

## Wöhler CM 220 Carbon Monoxide Meter

Assessment of air quality



### Applications

- · Measurement of CO concentration in the ambient air
- · Test CO leakage from furnaces, water heaters, stoves
- · MWC-Value-Measurement (Maximum Workplace Concentration)

#### Features

- · Quick response for testing safe entry conditions
- · Easy operation-one button, manual zero
- · Visual and acoustic indicators
- Backlight
- · Precise electrochemical sensor
- · Calculation of the MWC-value (Maximum Workplace Concentration)

## **Technical Data**

Range	0999 ppm
Accuracy	±20 % at 099 ppm ±15 % at 100500 ppm
Resolution	1 ppm
Response time	up to 60 sec.
Humidity range	599 % r.h. (non condensing)

## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_50







## Wöhler CM 220 Carbon Monoxide Meter

Scope of delivery: Wöhler CM 220 Carbon Monoxide Meter, Batteries, Hand strap, Carrying pouch

Article no. 4486

## Wöhler KM 410 IAQ Instrument

Assessment of indoor air quality

### **Applications**

The Wöhler KM 410 IAQ Instrument is the perfect instrument for verifying HVAC system performance and air ventilation control, it measures:

- · CO<sub>2</sub>-content
- · Air temperature
- · Air humidity
- · CO-content
- · Dew point
- · Wet bulb temperature

### Features

- · Large LC display with blue backlight to use in dark area
- · Acoustical and visual alarm function
- · Max/Min-values
- · Hold function freezes current readings
- · Mini USB output to PC for analysis
- · Datalogger

### **Technical Data**

CO <sub>2</sub> measure- ment (NDIR-Sensor)	Measuring range	05,000 ppm (5,0019,999 ppm outside the spec. range)
	Resolution	1 ppm
	Accuracy	±30 ppm ±5 % (05,000 ppm)
CO measure- ment	Measuring range	01,000 ppm
	Resolution	1 ppm
	Accuracy	±10 ppm for less than 100 ppm ±10 % between 101500 ppm ±20 % over 501 ppm
Temperature	Measuring range	-2060 °C (-5140 °F)
	Resolution	0.1 °C (0.1 °F)
	Accuracy	±0.5 °C (±0.9 °F)
Relative humidity	Measuring range	0.199.9 % r.h.
	Resolution	0.1 % r.h.
	Accuracy	±3 % at 1090 % r.h. and 25 °C, ±5 % r.h. under other values and 25 °C
Service life with operation	continuous	24 hours

## Wöhler KM 410 IAQ Instrument

incl. Calibration Kit Scope of delivery: Wöhler KM 410 instrument, 4 x AA-Batteries, USB-Data Cable, PC-Software, Plastic case, Calibration kit

Article no. 10131







## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_125





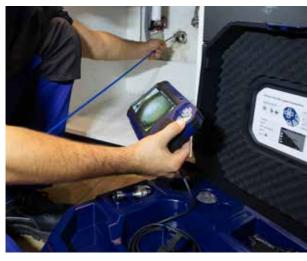


Visual Inspection Visual Inspection

## Wöhler VIS 500 Visual Inspection System

Visual duct, flue gas and ventilation system inspection





- $\boldsymbol{\cdot}$  Damage analysis, non-destructive inspection and documentation of:
- 87° bends
- Sewer pipes from Ø 40 mm
- House connections up to Ø 200 mm
- Air pipes and ducts
- Intermediate ceilings, cavities, shafts
- Industrial machines / plants
- · The universal camera for your applications: Interchangeable camera head, sound and voice recording via headset and different rod lengths.
- · Waterproof rotatable and pan and tilt camera head Ø 40 mm for an all-round view
- · Easy operating and reporting with the Wöhler video
- · Bright illumination with camera LEDs and optional additional lighting
- · Intuitive handling with uniform operating concept of the Wöhler VIS series

## **Technical Data**

Monitor	TFT display	7" / 16:9 Format
	Resolution	1,024 x 600 px
	Connection cable	2 m
	Power supply	USB-C 5 V / 3 A 3.7 V / 11.4 Ah Lithium-lonen Akku
	Operating time	6 h
Camera rod	Length	20 / 30 m electr. meter coun- ting



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_18820







## Wöhler VIS 500 Inspection Camera INT Camera head Ø 40 mm, camera rod 30 m

Scope of delivery: Wöhler VIS 500 monitor unit with 7" TFT widescreen colour monitor incl. 2 m connection cable (monitor removable) Glare protection, Lithium-ion battery 6 h operation time, Data storage: Internal memory 4 GB expandable with USB stick, Wöhler pan and tilt camera head Ø 40 (detachable), Camera rod Ø 6.5 mm / 30 m long (removable for cleaning), USB mains charger with USB-C cable, Double sided suitcase, Replacement plastic domes (3 pieces) Article no. 11508



Accessories		Article no.
WE IS	Wöhler L 200 Locator for camera heads Ø 26 / 40 mm   for Wöhler VIS 350 / 500 / 700 Scope of delivery: Wöhler L 200 Locator, Telescopic rod, Headphones, USB power supply unit with micro USB cable, Lithographic chalk (12 pieces, yellow), Plastic case	7430
<b>6</b> 0−0	Wöhler Miniature Camera Head Ø 26 mm Colour, detachable, with pouch   for Wöhler VIS 350 / 500 Camera head with flexible connection (PAL) for GRP camera rod and leather protective bag.	420
<b>6</b> -0	Wöhler Camera Head Ø40 mm detachable, pan and tiltt   for Wöhler VIS 350 / 500 flexible connection to camera rod, with leather protection bag	870
	Guidance Sleeve for camera head Ø 26 mm increases arc mobility and protects the camera head	3827
	Guidance Sleeve with protection cage for camera head Ø 26 mm increases arc mobility, protects the camera head and also the lens	3847
	Wöhler Light Ring 26/40, detachable for camera heads Ø 26 mm / Ø 40 mm Only for detachable camera heads - the additional lighting with 18 white LEDs is mounted between the camera head and the camera pole. Power is supplied via the video inspection system. Ø- Outside 53 mm	11398
	Protection Sleeve for Wöhler Camera Head Ø 40 mm Easy installation and secure hold thanks to clamping lever, particularly good visibility thanks to a round recess in the dome area	2641
X	VIS Centering Brush for camera heads and rods Ø 20 cm, with 6 strip brushes as spacers can be fixed directly behind the camera head	3850
$\times$	VIS Centering Brush for camera rods Wöhler rod element Ø 20 cm with 6 strip brushes, threaded on one side	3854
	Camera Roller Guide suitable for camera heads and rods	3681
0	Wöhler VIS Camera Trolley	
	Set Camerahead-holder, Storage bag Wöhler, Stabilization sleeve for light ring 26/40 (can only be used in combination with supplementary light)	4753
<b>166</b>	Replacement Plastic Domes for Wöhler Camera Head ∅ 40 mm 10 pieces	3675
	Glass Dome for Wöhler Camera Head ∅ 40 mm	13674
	Wöhler VIS Cleaning Set with plastic case 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, plastic case For approx. 50 applications	4725
	Anti-reflective Film for monitor Wöhler VIS 500 / 700 with mounting accessories Display protection function 150 x 94 mm	7616



## Wöhler Video Inspection App

The monitor image can be sent to mobile devices via WLAN and processed further using an app.

Visual Inspection Visual Inspection

## Wöhler VIS 700 HD Visual Inspection System

Visual inspection of sewers / air ducts / flue systems / industrial machinery





- · High Definition picture
- · Focus control via joystick
- · Adjustable sonde frequency
- · Voice recording / photo function
- · Touch screen keyboard for written commentary
- · App-supported operation and report creation

### **Technical Data**

TFT display	7" / 16:9 Format
Resolution	1,280 x 800 px
Connection cable	2 m
Power supply	USB-C 5 V / 3 A 3.7 V / 11.4 Ah
Operating time	4 h
Length	20 / 30 m digital metre coun- ting
	Resolution Connection cable Power supply Operating time



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_16510



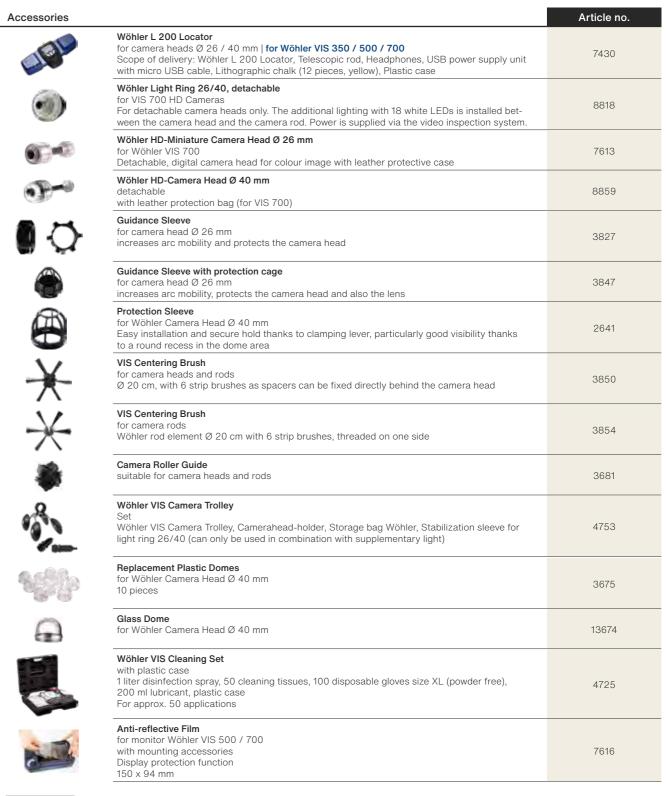




## Wöhler VIS 700 HD Inspection Camera with motor focus (manual)

Scope of delivery: Wöhler VIS 700 monitor unit with 7" HD TFT widescreen colour monitor incl. 1.5 m connection cable, Glare shield, Lithium-ion battery, Wöhler HD pan/tilt camera head Ø 40, detachable, Camera rod 8.6 x 5.6 mm - 30 m long (removable for cleaning), 3 spare plastic domes, 1 antislip mat, USB mains charger UK with USB-C cable, Double-

Article no. 8744





## Wöhler Video Inspection App

The monitor image can be sent to mobile devices via WLAN and processed further using an app.

Visual Inspection

## Wöhler VE 220 HD Video Endoscope

HD Inspection of inaccessible cavities



#### Features

- HD inspection of:
- Inaccessible cavities through smallest openings from Ø 6 mm (e.g. tile cross)
- Pre-wall installations, sinks, drain ducts
- Fireplaces, combustion chambers, connectors
- Inspection openings and fire dampers
- Transmission of image and video data via WiFi to smartphone, laptop, tablet, PC
- · Can be used simultaneously on several devices
- Direct forwarding of pictures and videos via "Share function" of the smartphone/tablet
- · Image and video recording
- · Switchable hand lamp
- · Compatible with Android/iOS
- · Probe length up to 10 m
- · Various probes available



Technical Data		
Signal transmission	Wireless LAN Net- work Standard	IEEE 802.11 b/g/n
	Data transmission rate wireless card with 802.11 a/b/g/n	up to 150 Mbit/s
HD Probe camerahead	Protection	waterproof IP 67
File formats	Image format	JPG
	Video format	AVI
Power supply	2.600 mAh Lithium-io battery	on rechargeable

## Wöhler VE 220 HD Video Endoscope HD Probe 1 m, Ø 7.6 mm

Scope of supply: Wöhler VE 220 HD Video Endoscope with 1.0 m probe  $\varnothing$  7.6 mm, side tip mirror, magnet, hook tool, plastic case

(The VE 220 is not compatible with a Windows Phone)

Article no. 12132

## Wöhler VE 400 HD Video Endoscope

HD inspection of inaccessible spaces

### Features

- · HD inspection of:
- Inaccessible spaces through the smallest openings from Ø 4 mm (e.g. tile spacers)
- Pre-wall installations, sinks, drain ducts
- Fireplaces, combustion chambers, connectors
- Inspection openings and fire dampers
- · Large 5" HD colour monitor
- · HD Video Endoscope waterproof probes
- Image rotation
- · Image and video recording on Micro-SD Card
- Additional lamp on the unit with 4 LEDs to illuminate the inspection area
- · Ø 3.9 mm probe for smallest inspection openings
- Switchable 0°/90° straight line / side view probe Ø 5.5 mm
- · Various probes available





## **Technical Data**

Monitor	Display	5"
	Resolution	1,280 x 720 px
	Interfaces	Micro-USB-Data / charging connection Micro-SD Card slot
HD Probe camera head	Protection class	waterproof IP 67
File formats	Image format	JPG
	Video format	MP4
Power supply	Lithium-ion rechargeable battery	
Operating time	4 hours	



Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_169









Wöhler VE 400 HD Video Endoscope HD Probe 1 m, Ø 5.5 mm, view 0° / 90°

Scope of delivery: Wöhler VE 400 HD Video Endoscope, HD-Video-Endoscope-probe  $0^{\circ}/90^{\circ}/\emptyset$  5.5 mm/1m, Lithium-ion battery, Micro SD card 16 GB, Micro USB charger, Extension cable 1.5 m, Case

Article no. 6920

WÖHLER

## Wöhler VE 500 HD Video Endoscope

Inspection of inaccessible spaces / with integrated monitor



Visual Inspection

#### Features

- · HD inspection of:
- Inaccessible spaces through the smallest openings from Ø 4 mm
- Pre-wall installations, spouts, drainage pipes, fireplaces, combustion chambers, connecting pieces
- Inspection openings and fire damper
- · Large colour monitor
- Image rotation
- · Split screen mode
- · Stand for positioning the monitor
- · Can be used on several devices simultaneously
- · Additional LED lamp on the endoscope to illuminate the
- inspection area
- · Various probes available



## **Technical Data**

Monitor	Size	7"
	Resolution	1,280 x 720 px
	Interfaces	Micro-USB data / charging port Micro SD card slot
Video endoscope HD Probe camera head	Protection class	IP 67
Recording formats	Image file	JPG
	Video file	AVI
Power supply	Lithium-ion rechargeable battery	
Operating time	5 – 6 h	



Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_199





## Wöhler VE 500 HD-Video-Endoscope incl. probe Ø 5.5 mm / 1 m / 90°

Scope of delivery: Wöhler VE 500 HD Video Endoscope with

WiFi function and USB C, HD Video Endoscope combination probe Ø 5.5 mm / 1 m / 90°, Lithium-ion battery, Micro SD card 32 GB, USB charger, Connection cable 1.5 m, Carrying

Article no. 11390



WÖHLER www.wohler.co.uk 45



**HD-Video-Endoscope-Probe** Ø 3.9 mm / 1 m

Ø 3.9 mm / 1 m Article no. 6929



HD-Video-Endoscope-Probe Ø 5.5 mm / 1.2 m

Article no. 7787



HD-Video-Endoscope-Probe

Ø 25 mm / 3 m

Article no. 6911



HD-Video-Endoscope-Probe (2 Cameras) Ø 5.5 mm / 1 m / 0° / 90°

Article no. 11415



HD-Video-Endoscope-Probe (2 Cameras)

Ø 8.5 mm / 3 m / 0° / 90°

Article no. 11416



HD-Video-Endoscope-Probe (3 Cameras) Ø 7.9 mm / 10 m / 0° / 2 x 90°

Article no. 11417



HD-Video-Endoscope-Probe (3 Cameras)

 $\emptyset$  25 mm / 5 m / 0° / 2 x 90° with roller guide

Article no. 11419



HD-Video-Endoscope-Probe (3 Cameras)

Ø 25 mm / 10 m / 0° / 2 x 90° with roller guide

Article no.11418



HD-Video Endoscope-Probe (swivelling) Ø 6.2 mm / 1.5 m / 180°

Article no. 11321



Large protective bag for Wöhler VE series and probes

Article no. 10185



Protection bag for Wöhler VE series and probes

Article no. 6914

# WÖHLER

# SOME THINGS YOU'VE NEVER SEEN. UNTIL NOW.



Nobody knows what you will find behind some walls of this world. But with Wöhler, you can be sure to see it clearly!



SCAN ME!

wohler.co.uk/ endoscopes

Cleaning of waste water pipes Cleaning of waste water pipes

## Wöhler RM 200 Drain Cleaning Machine

Modular entry system for cleaning inner pipes





### Features

- · Cleaning of:
- Waste water pipes Ø 40...100 mm
- Blockages of various degrees
- Grease deposits on pipe walls
- Sludgy and silted deposits
- · Particularly good for getting started with pipe cleaning
- · Spiral length can be determined by yourself using a handy spanner for the spiral connections
- · Protective hose for clean cleaning and protection of domestic equipment
- · Adapter with integrated spiral for safe use
- · Various spiral sizes for cleaning pipes indoors
- · Modular system: Heads and spirals are compatible with
- · Easy change of direction of rotation thanks to switch within easy reach
- · Flexible: Quick changeover of the heads

## **Technical Data**

Input Power	400 W	
Rated Voltage	220 V / 50 Hz	
Weight	12.2 kg	
Spiral Sizes	Ø 8 mm / 5 m	
	Ø 16 mm / 2.3 m	
Max. Cable Length	40 m	
Tube Diameter	Ø 40100 mm	



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_174





## Wöhler RM 200 Drain Cleaning Machine

Scope of delivery: Wöhler RM Drain Cleaning Machine, 1 cable drum for drain cleaning cable, 8 drain cleaning cables Ø 16 mm Length: 2.3 m, 1 guide hose, 1 carrying case for drain cleaning accessories, 1 adapter with bulb auger and cable 8 mm, 1 Straight auger Ø 16 mm, 1 Blub auger Ø 16 mm, 1 Spade cutter Ø 16 mm, 1 C-Cutter Ø 16 mm, 1 coupling key 4 mm, 1 pair of drain cleaning protection gloves

Article no. 11220

Accessories		Article no.
0	Wöhler PU 100 Pipe Cleaning Pump Wöhler PU 100 Pipe Cleaning Pump, 3 adapters for toilet / sink / shower, Carrying Case	11240
	Spiral 16 mm x 2.3 m for Wöhler RM 200/ RM 300	11212
	Coupling Key 4 mm for Wöhler RM 200/ RM 300	11207
	Straight Auger 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11215
	Bulb Auger 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11217
r de la companya de l	Spade Cutter 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11219
W	C-Cutter 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11222
-	Accessories Case for Drain Cleaning Attachments	11200



## Wöhler RM 300 Drain Cleaning Machine

Powerful system for cleaning inner and outer pipes









## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_175





### **Features**

- · Cleaning of:
- Waste water pipes Ø 40...110 mm / Ø 50...150 mm
- Blockages of various degrees
- Grease deposits on pipe walls
- Sludgy and silted deposits
- · With an output of 570 W, pipe blockages can be removed indoors and outdoors
- · Spiral length can be determined by yourself using the handy spanner for the spiral connections
- · Protective hose for clean cleaning and protection of domestic equipment
- · Adapter with integrated spiral for safe use
- · Various spiral sizes for cleaning all pipes indoors
- · Modular system: Heads and spirals are compatible with
- · Easy change of direction of rotation thanks to switch within easy reach
- · Flexible: Quick changeover of the heads

## **Technical Data**

570 W
220 V / 50 Hz
18.2 kg
Ø 8 mm / 5 m
Ø 16 mm / 2.3 m
Ø 22 mm / 4.6 m
65 m
Ø 40100 mm
Ø 50150 mm

Wöhler RM 300 Drain Cleaning Machine Scope of delivery: Wöhler RM 300 Drain Cleaning Machine Article no. 11208



ries		Article no.
<b>&gt;</b>	Wöhler PU 100 Pipe Cleaning Pump incl. adapter Wöhler PU 100 Pipe Cleaning Pump, 3 adapters for toilet / sink / shower, Carrying Case	11240
	Spiral 16 mm x 2.3 m for Wöhler RM 200/ RM 300	11212
3)	Spiral 22 mm x 4.6m for Wöhler RM 300	11213
	Protection Hose for Wöhler RM 300	11211
	Coupling Key 4 mm for Wöhler RM 200/ RM 300	11207
	Coupling Key 5 mm for Wöhler RM 300/ RM 400	11209
	Straight Auger 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11215
	Straight Auger 22 mm for Wöhler RM 300/ RM 400 Waste water pipes Ø 70150 mm	11216
	Bulb Auger 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11217
	Bulb Auger 22 mm for Wöhler RM 300/ RM 400 Waste water pipes Ø 70150 mm	11218
	Spade Cutter 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11219
	Spade Cutter 22 mm for Wöhler RM 300/ RM 400 Waste water pipes Ø 70150 mm	11221
	Accessories Case for Drain Cleaning Attachments	11200
	C-Cutter 16 mm for Wöhler RM 200/ RM 300 Waste water pipes Ø 40100 mm	11222
	C-Cutter 22 mm for Wöhler RM 300/ RM 400 Waste water pipes Ø 70150 mm	11223

Cleaning of waste water pipes

## Wöhler RM 400 Drain Cleaning Machine

Convenient system for cleaning inner and outer pipes





#### Features

- · Cleaning of:
- Waste water pipes Ø 50...150 mm
- Blockages of various degrees
- Grease deposits on pipe walls
- Sludgy and silted deposits
- The spiral integrated into the drum enables clean and comfortable working
- · Automatic feed for easier use of the device
- · Easy transport thanks to wheels on the device
- · Solving stubborn blockages through high performance
- · Various spiral sizes for cleaning all pipes indoors
- Modular system: Heads and spirals are compatible with each other!
- Easy change of direction of rotation thanks to switch within easy reach
- · Flexible: Quick changeover of the heads

### **Technical Data**

Input Power	390 W
Rated Voltage / Rated Frequency	220 V / 50 Hz
Weight	41.78 kg
Spirale Sizes	Ø 1622 mm / 23 m
Max. Cable Length	23 m
Tube Diameter	Ø 50110 mm



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_173

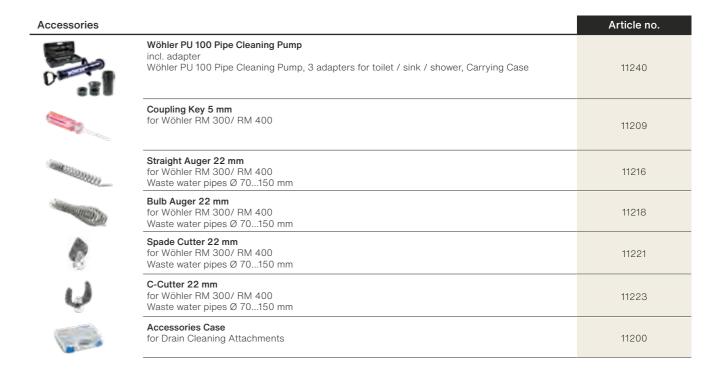


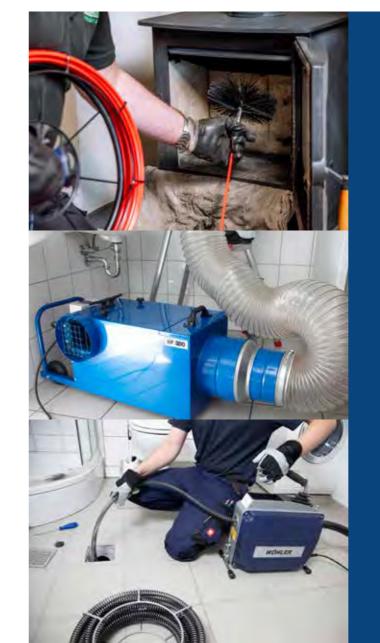


## Wöhler RM 400 Drain Cleaning Machine

Scope of delivery: Wöhler RM 400 Drain Cleaning Machine, Straight Auger 22 mm, Bulb Auger 22 mm, Spade Cutter 22 mm, C-Cutter 22 mm

Article no. 11230







# **CLEANING**

Application knowledge around the topic of cleaning technology

Here you will find helpful knowledge about applications around cleaning technology.

- ▶ Cleaning of ventilation systems / air ducts with brushes
- Cleaning of a ventilation system / air duct with compressed air
- Sewer Pipe Cleaning With A Drain Cleaning Machine
- Chimney cleaning

Scan now!



wonier.co.uk/ **Cleaning**  Cleaning Technology

## Wöhler Snap & Sweep® System

Effective sweeping with rotating cleaning tools



### Features

- One system many applications: Freestanding stainless steel flues, large-volume flues, large air ducts, basic cleaning before renovation, removal of jackdaw nests
- Stable plastic plug-in connection cleaning without damage even in stainless steel flues, air ducts
- · Snap lock for quick and easy handling, even with gloves
- Gentle sweeping with bump brushes and thread twists, powerful sweeping with chains
- · One-man operation: You can easily do it alone
- Rotary drive with commercially available cordless screwdriver
- · The perfect rod length for every work step
- · Comfortable and clean transport in the carrying bag



	Technical	Dat
_		

Material	Plastic	
Length	1 m	
Operating	Soft	-585 °C
temperature	Regular	-2085 °C
	Strong	-2085 °C
Connections	1 plug-in conr each	nection and 1 receptacle
Colour	Soft	Blue
	Regular	Black
	Strong	Red
Flexural rigidity	Soft	ca. 47 kN cm <sup>2</sup>
	Regular	ca. 118 kN cm²
	Strong	ca. 189 kN cm²



### Wöhler Snap & Sweep® Soft Professional Set "Ventilation"

Scope of delivery: 10 cleaning rods with snap in quick connectors, carrying bag rods, perlon brush Ø 25 cm / 0,8 mm, universal rotary head with nylon wires 3 mm / 6 x 50 cm, drill adaptor, protection bag brushes, Push rod 0.5 m with handle piece

Article no. 8365



WÖHLER www.wohler.co.uk 55

## Wöhler Rotary Viper Duct M5

Flexible with wiper and brush head







## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_13830







## Features

- · Cleaning of:
- Round air ducts from Ø 63 mm
- Flat oval ducts from 50 x 100 mm
- Controlled domestic ventilation
- Ducts contaminated with grinding dust
- Dryer vents
- · Very flexible shaft and head:
- Small perlon head Ø 14 cm
- Wiping head to remove dust
- · Can be operated with cordless screwdriver

### **Technical Data**

Length	5 / 15 m
Max. torque	Clockwise rotation 3 Nm Counterclockwise rotation 1.5 Nm
Operating temperature	080 °C
Connection cleaning attachment	M5 thread

## Wöhler Rotary Viper Vent 5 m compact with wipe and brush head

Scope of delivery: Wöhler Rotary Viper Vent 5 m, Brush head, perlon  $\varnothing$  140 mm, Wipe head with two wiping cloths each  $\varnothing$  150 mm

Article no. 7192

## Wöhler Rotary Viper - M5 head 15m

Scope of delivery: Wöhler Rotary Viper Duct - 15 m, Brush head perlon  $\,\varnothing\,$  140 mm, Wipe head with two wiping cloths  $\,\varnothing\,$  150 mm

Article no. 4172

Brush head Perlon Ø 14 cm Wöhler Rotary Viper - M5 head

Article no. 4169

## Wöhler Rotary Viper Duct M10

Cleaning of ventilation systems

## **Features**

- · Effective cleaning of dryer vents, duct and piping
- · CW/CCW rotation
- · Due to a small end piece also applicable for smaller bends
- · Very light weight 1.3 kg
- · Extremely flexible shaft
- · Can be operated with cordless screwdriver

#### Technical Data

Length	1.5 / 3 / 5 / 10 / 15 m
Max. torque	Clockwise rotation 3 Nm Counterclockwise rotation 1.5 Nm
Operating temperature	080 °C
Connection cleaning attachment	M10 thread

## Wöhler Rotary Viper M10

Ventilation - 1.5 m

Scope of delivery: Wöhler Rotary Viper Ventilation - 1.5 m, brush head perlon Ø 18 cm

Article no. 4882

## Wöhler Rotary Viper M10

## Ventilation - 3 m

Scope of delivery: Wöhler Rotary Viper Ventilation - 3 m, brush head perlon  $\emptyset$  18 cm

Article no. 4867

## Wöhler Rotary Viper M10

### 5 m

Scope of delivery: Wöhler Rotary Viper Ventilation - 5 m, brush head perlon Ø 18 cm

Article no. 4832

## Wöhler Rotary Viper M10

## Ventilation Set - 5 m

Scope of delivery: Wöhler Rotary Viper Ventilation - 5 m, brush head perlon Ø 18 cm, brush head perlon Ø 25 cm, threaded brush perlon Ø 30 cm

Article no. 7511

## Wöhler Rotary Viper M10

## Ventilation - 10 m

Scope of delivery: Wöhler Rotary Viper Ventilation - 10 m, brush head perlon Ø 18 cm

Article no. 4866

## Wöhler Rotary Viper M10

## Ventilation - 15 m

Scope of delivery: Wöhler Rotary Viper Ventilation - 15 m, Brush head perlon  $\emptyset$  18 cm

Article no. 4880

## Wöhler Rotary Viper M10

## Ventilation - 3 m

Scope of delivery: Wöhler Rotary Viper Ventilation -  $3~\mathrm{m}$ , brush head perlon Ø 18 cm

Article no. 4867







## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_13820







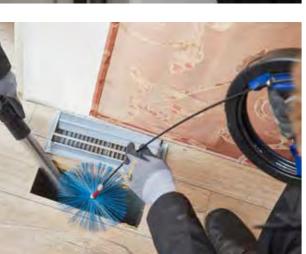


Cleaning Technology

## Wöhler Viper S

Cleaning of openings from Ø 40 mm





### Features

- · Cleaning of:
- Exhaust pipes Ø 40 150 mm
- Connectors
- Small air ducts
- · GRP rod with abrasion-resistant PA sheath
- Provides splash protection when inserting the wet GRP rod
- · Ergonomically shaped handle
- · 2 coupling holders for right and left-handers
- Fits in the Wöhler tool carrier and backpack measuring case
- · For holding HT mini hole stars and HT pipe brushes

## **Technical Data**

Basket diameter	28 cm
Width	3.3 cm
Weight	0.84 kg including 15 m GRP rod

## Wöhler Viper S

Scope of delivery: GRP Rod 4.5 mm, 15 m stainless steel end piece M5, guidance adapter (without stars)

Article no. 2028

## Wöhler Viper M PLUS

With digital metre counting - internal M10 thread

### Features

- · Cleaning of:
- Exhaust systems up to approx. Ø 250 mm
- Connecting pieces up to approx. Ø 250 mm
- Air ducts
- · Digital metre counting
- Quick-change push head for convenient changing of line stars
- GRP rod with abrasion-resistant PA sheath and protective hose
- · Precisely adjustable freewheel brake and transport lock
- Transport option with star holder with protective plate for two additional line stars
- · Coupling holder for sweeping and transporting
- · For holding line stars and threaded brushes





## Technical Data

Basket diameter	42 cm
Weight	Approximately 2 kg incl. 15 / 20 m GRP rod
Freewheel brake	Precisely adjustable
GRP rod	Ø 7 mm
Stainless steel end	
piece	M10

## Wöhler Viper M PLUS

## 15 m - with digital metre counter

Scope of delivery: GRP Rod 7 mm  $\emptyset$ , 15 m with stainless steel end pieces M10, quick change star holder to hold stars and GRP push head for mounting stars (without stars)

Article no. 3770

## Wöhler Viper M PLUS

## 20 m - with digital metre counter

Scope of delivery: GRP Rod 7 mm Ø, 20 m with stainless steel end pieces M10, quick change star holder to hold stars and GRP push head for mounting stars (without stars)

Article no. 3790



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_17









Wöhler online shop

wohler.co.uk/P\_16

Discover all the details about the product

and much more. Plus, ordering is easy!

Accessories		Article no.
0	Star, HT 28 mm / 1.1" inner hole diameter   temperature resistant up to 250°C Ø 15 cm / 6"	12815
Accessories	Ø 18 cm / 7.1"	12818
	Ø 20 cm / 8"	12820
	Ø 25 cm / 10"	12825
	Ø 30 cm / 12"	12830
	Star Perlon 28 mm / 1.1" inner hole diameter Ø 15 cm / 6"	13715
-	Ø 18 cm / 7.1"	13718
	Ø 20 cm / 8"	13720
	Ø 25 cm / 10"	13725
	Ø 30 cm / 12"	13730
	Ø 40 cm / 15.7"	24
	Ø 50 cm / 20"	3141
	Star HT 16 mm / 0.6" inner hole diameter   temperature resistant up to 250°C Ø 15 cm / 6"	16215
5.500	Ø 18 cm / 7.1"	16218
	Ø 20 cm / 8"	16220
	Ø 25 cm / 10"	16225
	Ø 30 cm / 12"	16230
	Threaded brush Perlon with M10 thread   16 mm inner hole diameter Ø 25 cm	15725
	Star Perlon Trimming thickness mm / 0.05" Ø 15 cm / 6"	2019
AN IIII	Ø 20 cm / 8"	2752
	Ø 25 cm / 10"	2755
	Ø 35 cm / 13.8"	2018
	Star Perlon 2 mm / 0.08" bristles Ø 40 cm / 15.7"	8140
	Mini Hole Star HT Inner Ø 1 cm / 0.4"   temperature resistant up to 250°C Ø 15 cm / 6"	19715
4000	Ø 20 cm / 8"	19720

		Article
¥	Mini Hole Star, HT 6 mm / 0.24" inner hole diameter   temperature resistant up to 250 °C Ø 7 cm / 2.8"	1590
Mills	Ø 10 cm / 4"	1591
	Ø 13 cm / 5,1"	1591
	Ø 15 cm / 6"	1591
	Ø 20 cm / 8"	1592
3. H	Star Set HT  · 2 Stars, HT, Ø 15 cm / 6"  · 4 Stars, HT, Ø 20 cm / 8"  · 2 Stars, HT, Ø 25 cm / 10"	3100
	Threaded Brush Perlon 2 mm / 0.08"   4 layers   thread M10   deflector ball Ø 25 cm / 10"	442
	Threaded Brush Perlon 2 layers   M10 thread Ø 15 cm / 6"	1871
	Ø 18 cm / 7.1"	1871
	Ø 20 cm / 8"	1872
	Ø 25 cm / 10"	1872
	Ø 30 cm / 12"	1873
	Ø 35 cm / 13.8"	1873
	Ø 40 cm / 15.7"	1874
	Ø 50 cm / 20"	1875
	Ø 60 cm / 23.6"	1876
	Threaded Brush, HT 2 layers   with M10 thread   temperature resistant up to 250°C Ø 15 cm / 6"	1981
	Ø 18 cm / 7.1"	1981
	Ø 20 cm / 8"	1982
	Ø 25 cm / 10"	1982
	Threaded Brush, HT with guide ball and M5 thread   temperature resistant up to 250°C Ø 7 cm / 2.8"	1460
	Ø 10 cm / 4"	1461
	Ø 13 cm / 5.2"	1461
	Ø 15 cm / 6"	1461
	Ø 20 cm / 8"	1462
	Brush Head Perlon with M10 thread   Semicircular shape enables very good guidance in the tube   for Rotary Viper M10 Ø 8 cm / 3.1"	7146
	Ø 10 cm / 4"	7147
	Ø 12.5 cm / 5"	1458

Article no.

Accessories		Article no.
*	Threaded Brush Perlon Trimming 2.0 mm / 0.08"   with thread M10 Ø 20 cm / 8"   4 layers	4427
ALC:	Ø 35 cm / 13.8"	4424
*	Threaded Brush Perlon Trimming 1.2 mm / 0.05"   2 layers   with thread M10 Ø 20 cm / 8"	4332
Sales.	Ø 25 cm / 10"	3564
	Ø 30 cm / 12"	3500
	Threaded Brush Set Perlon Ø 20 - 35 cm / 8" - 13.8", with M10 thread 1 x Ø 20 cm / 8", 2 layers 1.2 mm 1 x Ø 25 cm / 10", 2 layers 1.2 mm 1 x Ø 30 cm / 12", 2 layers 1.2 mm 1 x Ø 35 cm / 13.8", 3 layers 2 mm	5529
	Deflection Spiral M10 made of stainless steel with internal and external thread, ideal for tight bends, for GRP rod Ø 6 mm and sweeping witch, also for push head adapter and mini push head	8638
-	Deflector M 5 ideal for tight bends   for mounting the mini hole stars or tube brushes M5	3838
-	Guidance End Ball with M5 threaded pin   for the GRP rod $\emptyset$ 4.5 mm   for fastening the PEK mini hole stars	8063
	Mini Push Head Aluminium Ideal for tight bends   for mounting mini hole stars on the GRP rod $\emptyset$ 6 mm or on the sweeping witch	7900
$\bigcirc$	GRP Rod 15 m long   Ø 4.5 mm with 1 stainless steel end piece M5, spare rod for viper S	9703
	GRP Rod with 1 stainless steel end piece M10   spare rod for viper M Ø 7 mm   15 m	7015
	Ø 7 mm   20 m	7020
	GRP Rod with stainless steel end piece M10 on both sides $ $ replacement rod for viper L Ø 9 mm   15 m	9015
	<b>GRP Rod</b> Ø 9 mm   20 m	9020
-	GRP Rod Ø 7 mm   3 m   ball with M 10 screw	3211
	GRP Rod with 2 stainless steel end pieces and rubber end ball and M10 thread Ø 7 mm   5 m	3210
X	Ø 9 mm   4 m	7363
	Ø 9 mm   5 m	1464
	Ø 9 mm   6 m	1124
	Ø 9 mm   8 m	1718
	Ø 11 mm   12 m	103
•	GRP Rod with 2 stainless steel end pieces and rubber end ball and M10 thread Ø 11 mm   10 m	102
<u></u>	GRP Rod Repair Kit with stainless steel end piece with 2 M4 cross holes, 2 grub screws and allen wrench Ø 4.5 mm	3687
	GRP Rod Repair Kit with stainless steel end piece with 2 M4 cross holes, 2 grub screws and allen wrench Ø 6 mm	3686
	Ø 7 mm	3696
	Ø 9 mm	3690
	Ø 11 mm	3691

		Article no.
;	Steel Rod Type B $3 \times \emptyset$ 3.8 mm, 3 m long   with 2 brass end pieces with M10 internal thread	2731
	Steel Rod Type B $3 \times \emptyset 3.8$ mm, 5 m long   with 2 brass end pieces with M10 internal thread	2732
)	Steel Rods Type B 3 x Ø 3.8 mm, 5 m long, complete set   with brass end section with M10 internal thread, aluminium end hand ball and large stainless steel push head for holding stars	5582
	Steel Rod Type D 3 x Ø 4.5 mm, 3 m long   Extra hard, for intensive sweeping and burnout work, 2 brass end pieces with M10 internal thread	2834
	Steel Rod Type D 3 x Ø 4.5 mm, 6 m long   Extra hard, for intensive sweeping and burnout work, 2 brass end pieces with M10 internal thread	2866
	Quick Change Star Holder Ø 28 mm for GRP rods Ø 7 – 11 mm   for holding stars, one single movement opens the quick change star holder	9539
	Star Holder Ø 28 mm for holding stars   for GRP rods Ø 7 - 11 mm and steel rods	7979
	Stainless Steel Star Holder Ø 28 mm for holding stars   for steel rods and GRP rods Ø 7 - 11 mm and steel rods   with aluminium cone   stainless steel cap and stainless steel screw M10	5280
	Star Holder Ø 16 mm for holding stars for GRP rods Ø 7 – 11 mm and steel rods	10066
	Aluminium End Ball with M10 thread	1448
	Stainless Steel Rod Quick Connector with double-sided thread M10 with 17 mm wrench size, with union nut and anti-rotation lock via square spigot	1409
	Brass Rod Connector with double-sided thread M10 for connecting several GRP rods	1454
	Steel Chisel with M10 thread	1457
	Stainless Steel Roller Opener with M10 thread	1455
	Harpoon with M10 thread and barb	1459
	Sealing Element, round without hole for cleaning tasks Height 15 cm   Ø 11 - 15 cm	8041
	Sealing Element Square with hole, for cleaning tasks Height 15 cm / hole Ø 4 cm   12 x 12 cm / 19 x 19 cm	40103
	110 x 230 mm / 190 x 310 mm   150 mm high, 40 mm hole	50666
	Wöhler Sealing Element for sealing fireplace doors or similar dimensions   slotted with hole $20 \times 30$ cm   Height 11.5 cm   18.5 $\times$ 22.5 cm / 27.5 $\times$ 34.5 cm	3430
	14x20 cm/12x18 cm   Height 8.5 cm   13.5 x 19.5 cm / 17.5 x 23.5 cm	50000
	Wöhler Sealing Element 100 - 150 for sealing pipe connections   slotted with hole Height 12.5 cm   ∅ 13 - 18 cm	54668
	Wöhler Soot Door Sealing for openings of 95 - 190 mm Ø and from 95 x 95 mm to 190 x 290 mm dust-free cleaning thanks to vacuum cleaner connection and feed-through for the rotary viper	3380
	Wöhler Sealing Elements Set to seal chimney doors 14 x 20 cm or similar measurements as well as pipe connections 100 – 150 mm or 150 – 200 mm	3708
	Sealing Element Set Round for cleaning tasks   For sealing during the cleaning of air ducts Contains 4 sealing elements (without hole), diameters from Ø 110 mm to Ø 330 mm	7522

Accessories

62 **WÖHLER** 

Cleaning Technology

## SF 300 Dust Collector

Cleaning of ventilation systems up to Ø 300 mm



### Applications

- Simple and effective cleaning of ventilation lines up to Ø 300 mm
- The Dust Collector creates strong negative pressure to extract dirt and dust particles directly during the cleaning process

### Features

- · Can be used in vertical and horizontal position
- · Easy to transport
- · Simple set up
- · Simultaneous connection of 2 hoses possible
- · Hose extension for hard to reach vents

## **Technical Data**

Suction Power	approx. 1,000 m <sup>3</sup> /h air (with hose Ø 200 mm)		
Motor	Туре	EMG Single phase Asynchronous- motor ECS 7IG 2 - A1AA	
	Pressure	230 V	
	Frequency	50 Hz	
	Nominal power	0.55 kW	
Operating	Protection class	IP 54	
Environment	Insulation class	F	
Operating Temperature	-3540 °C		
Vacuum blower	Dimension	90 x 41 x 46 cm	
	Weight	29 kg	



## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_126

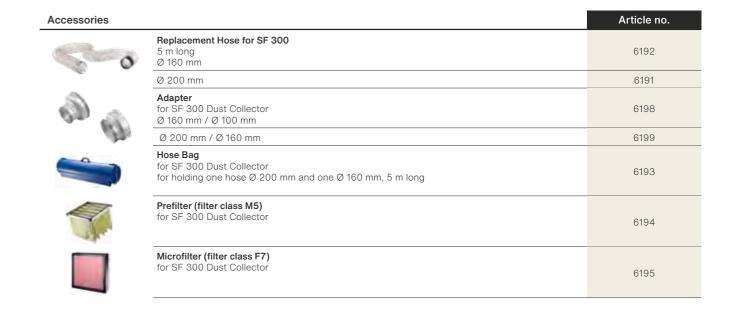




## SF 300 Dust Collector

Scope of delivery: SF 300 Dust Collector and 5 m long hose  $\emptyset$  200 mm with integrated filter incl. adaptor

Article no. 6190







# **CLEANING**

Cleaning of a ventilation system / air duct with compressed air

Regular inspection and cleaning of ventilation systems ensure that the operator's ventilation system is in perfect hygienic and technical condition and can also contribute to energy savings. Contamination of the ventilation ducts leads to air volume deviations, which affects the indoor climate and therefore the indoor air quality.

Scan now!



## Wöhler Compressed Air Cleaning

Cleaning of square and round air ducts







## Wöhler online shop

Discover all the details about the product and much more. Plus, ordering is easy!

wohler.co.uk/P\_114





## Applications

· Cleaning square and round air ducts

- · Easy handling of the compressed air / water
- · Water reel thanks to the coupling bracket
- · Suitable for small and large cross-sections
- · Can be extended using hose reel

## **Technical Data**

Digital metre counting	Measurement unit	Metres or feet (m or ft)
	Resolution	0.1
	Battery	Long-life lithium battery
Requirements for a	Pressure	min. 5 bar
compressor to be connected	Output power	25 m³/h

## Wöhler DH 420 Pneumatic Viper

## 10 m, compressed air hose

Scope of delivery: GRP hose incl. stop value and compressor connection

Article no. 7580

## Wöhler Compressed Air Cleaning

## Standard Set

Scope of delivery: compressed air hose 7 m incl. stop value and Wöhler backwards rotating helicopter nozzle, in a plastic case

Article no. 7560

## Wöhler Compressed Air Cleaning

## Professional Set

Scope of delivery: Wöhler DH 420 Pneumatic Viper with 10 m compressed air GRP hose incl. stop valve and compressor connection, compressed air hose reel with 20 m hose, Wöhler compressed air whip with 7 ends 50 cm long, Wöhler backwards rotating helicopter nozzle, guidance roller ball and XXL-alu case

Article no. 7570

Accessories		Article no.
	Hose Reel (Air/Water) 20 m hose - compressed air cleaning incl. 1.5 m connecting hose and adapter plug	7565
<u></u>	Wöhler Roller Guide Ball Compressed air cleaning for guiding the Wöhler DH 420 Pneumatic Viper in angular shaped ventilation pipes, ∅ 95 mm	7552
	Wöhler helicopter nozzle backwards rotating for DH 420 suitable for compressed air cleaning, combines brushes and nozzle effect to loosen stubborn dirt in small pipes, easy guidance especially in vertical air ducts thanks to the recoil principle	7556
	forwards rotating for DH 420 suitable for compressed air cleaning, combines brushes and nozzle effect to loosen stubborn dirt in small pipes, easy guidance especially in vertical air ducts thanks to the recoil principle	7557
	Service Bag Helicopter Nozzles 2 strings 20 cm long, 1 grub screw and 1 angled screwdriver SK 2.5 ATTENTION: Only suitable for helicopter nozzles with plastic head!	7578
	Wöhler Compressed Air Whip with 7 ends for DH 420 inside Ø 2.0 mm, 50 cm long, particular suitable for bigger pipe diameters	7562
13	Sealing Element Set Round for cleaning tasks For sealing during the cleaning of air ducts Contains 4 sealing elements (without hole), diameters from Ø 110 mm to Ø 330 mm	7522
4	Sealing Element Set Rectangular 5 x120 x 120 to 390 x 390 mm (without hole)	7523
	Wöhler Soot Door Sealing for openings of 95 - 190 mm Ø and from 95 x 95 mm to 190 x 290 mm; dust-free cleaning thanks to vacuum cleaner connection and feed-through for the rotary viper	3380
-	Sealing Set Ventilation sealing bladder size 3 for Ø 100 – 250 mm and size 5 for Ø 200 – 400 mm, with release valve	7506
	Sealing Bladder for Wöhler DP 700 with 5 clamps Size 3   Ø 100 - 250 mm	3314
	Size 5   Ø 200 - 400 mm	3316
	Size 10  Ø 315 - 630 mm	3317
	Aluminium Pump Master-Blaster for test sets, gas pipes and sealing bubbles	53817

WÖHLER



# INTERNATIONAL OPERATING, INDEPENDENT, GERMAN FAMILY-OWNED COMPANY

For over 90 years, we have been a technically orientated, internationally operating family business with more than 260 employees worldwide.

We are a leading manufacturer of measurement technology, inspection technology and cleaning technology with headquarters in Bad Wünnenberg, Germany.

Scan the QR code and find out more about our corporate culture, how we are committed to sustainability and how we act as an employer.





WOHLER UK LIMITED

G1 Lincoln House · Lincoln Way · Sherburn in Elmet · LS25 6PJ

Phone: 01977 80 60 40 · E-Mail: info@wohler.co.uk