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HVAC/R Instrumentation

2009



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Testo 327-1 Multi-Purpose Flue Gas Analyser

An easy-to-use flue gas analyser for all parameters.

- For use with natural gas, LPG, kerosene, heavy and light oil
- Measures CO, CO₂, O₂, ratio and efficiency
- Measures differential temperature and differential pressure
- Ambient CO build up test
- Features timed tightness and let by tests
- Simple menu for selecting measurement options
- Fast 30 second set up time
- Robust and shock-proof due to Elastomer protection skin
- IRDA interface to optional Testo infrared printer
- Independently tested to EN 50379
- CO accuracy independently certified to BS7967
- 3 year instrument and sensor warranty

Please see page 4 for accessories

Technical Data

Temperature	-40 to 600 °C
Draught / Pressure	Δ P1 ±40 mbar, Δ P2 ±200 mbar
O ₂	0 to 21 Vol. %
CO	0 to 4,000 ppm
CO ₂	calculated



New for 2009
Fixed 5 Year Service
Contract & Extended
Warranty available

Testo 327-1 Standard Kit

Includes Testo 327-1 analyser, flue gas probe (180mm x 6mm diameter), mains unit and carry case

Part Number	0563 3203 70	
Price	£520.00	€676.00

Testo 327-1 Advanced Kit

Includes Testo 327-1 analyser, flue gas probe (180mm x 6mm diameter), mains unit, differential hose kit, differential temperature kit, immersion/air probe, Testo infrared printer and carry case

Part Number	0563 3203 71	
Price	£735.00	€955.00



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Testo 327-2

Multi-Purpose Flue Gas Analyser

The Testo 327-2 has the additional features of:

- Data storage (20 measurements)
- Optional H₂ compensated CO sensor
- Sensor diagnosis
- Download to PDA or printer (with Bluetooth model only)
- Optional Bluetooth software

Testo 327-2 Bluetooth Standard Kit

Includes Testo 327-2 analyser, flue gas probe (180mm x 6mm diameter), mains unit and carry case

Part Number 300563 3277

Price £742.00 €964.00

Testo 327-2 Bluetooth Advanced Kit

Includes Testo 327-2 analyser, flue gas probe (180mm x 6mm diameter), mains unit, differential hose kit, differential temperature kit, immersion/air probe, Testo infrared printer and carry case

Part Number 300563 3278

Price £954.00 €1,239.00

Accessories

Description	Part Number	Price £	Price €
Crocodile clip temperature probe	300900 0009	57.00	74.00
Temperature probe adaptor	0440 1261	44.00	58.00
Differential temperature set including adaptor	0554 1208	61.50	80.00
Pressure hose connection set	0554 1203	22.90	30.00
B1 gas cooker grill probe (to BS7967)	300002 7967	60.50	79.00
B2 angled probe for open flue applications (to BS7967)	300001 7967	55.00	72.00
Testo infrared printer	0554 0547	154.00	200.00
Testo easyheat software with analysis and graphics function, online measurement	0554 3332	129.00	168.00
Testo easyheat mobile software with PDA mobile function	0554 1210	264.00	343.00
BS7967 firmware upgrade - software upgrade	300327 7967	26.00	34.00
Immersion/air probe	300602 2730	24.00	35.00
IRDA Printer with mains unit	0554 0548	238.00	309.00
Filters x 10	0554 3385	13.00	17.00
Fixed 5 Year Service Contract & Extended Warranty for Testo 327 (See page 39 for further information)	300000 3272	99.00	129.00



New for 2009
Fixed 5 Year Service Contract & Extended Warranty available

Testo 330 LL

Flue Gas Analyser with Long-Life Sensors



5 Year Instrument and Sensor Warranty
New for 2009
- 5 Year Service Contract available

Our comprehensive advanced analyser for the discerning installer and heating engineer.

- For use with natural gas, LPG, heavy and light oil, coal, anthracite, coke, propane and butane
- Long life O₂ and CO sensors lasting up to 6 years
- Save up to £500 with the elimination of 2 sensor changes
- Measures and displays flue gas, oxygen, temperature and carbon monoxide
- Calculates CO/CO₂ ratio, CO₂ and efficiency
- Timed CO test
- Features timed tightness and let by test
- Gas rating test
- Optional probes to measure ambient CO, CO₂ and gas leakage
- Memory storage
- CO accuracy independently certified to BS 7967
- Extensive range of sets available - see page 6
- Bluetooth connectivity to PDA or printer (Bluetooth models only)

Please see page 6 for sets

Technical Data	Testo 330-1 LL	Testo 330-2 LL
Temperature	-40 to 1,200 °C	-40 to 1,200 °C
Draught	-9.99 to +40 mbar	-9.99 to +40 mbar
Pressure	0 to +200 mbar	0 to +200 mbar
CO	0 to 4,000 ppm	0 to 8,000 ppm
CO (with H ₂ compensation)	-	8,000 to 30,000 ppm
Efficiency (Eta)	0 to 120 %	0 to 120 %
Flue gas loss	0 to 99.9 %	0 to 99.9 %
O ₂	0 to 21 % Vol.	0 to 21 % Vol.
Ambient (with CO probe)	0 to 500 ppm	0 to 500 ppm
Gas leak for combustible gases	0 to 10,000 ppm CH ₄ /C ₂ H ₆	0 to 10,000 ppm CH ₄ /C ₂ H ₆
CO ₂	0 to CO ₂ max.	0 to CO ₂ max.



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ANALYSERS FOR GAS AND OIL BOILERS

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ANALYSERS FOR GAS AND OIL BOILERS



Testo 330LL

Description	Part Number	Price £	Price €
Testo 330-1LL Professional Set for the Domestic Installer and Heating Engineer Includes Testo 330-1LL analyser, power supply/charger, flue gas probe (180mm x 6mm diameter) and carry case	0563 3324 70	£996.00	€1,294.00
Testo 330-1LL Bluetooth Professional Set for the Domestic Installer & Heating Engineer Includes Testo 330-1LL analyser with Bluetooth connectivity, power supply/charger, flue gas probe (180mm x 6mm diameter) and carrying case	300563 3306	£1,187.00	€1,542.00
Testo 330-1LL Professional Set with Printer Also includes Testo infrared printer and pack of 6 paper rolls	0563 3324 71	£1,159.00	€1,505.00
Testo 330-1LL Bluetooth Professional Set with Printer Also includes Testo infrared printer and pack of 6 paper rolls	300563 3307	£1,358.00	€1,764.00
Testo 330-2LL Professional Set for the Commercial Installer and Service Engineer Includes Testo 330-2LL analyser, power supply/charger, flue gas probe (300mm x 8mm diameter) and carry case	0563 3325 70	£1,214.00	€1,577.00
Testo 330-2LL Bluetooth Professional Set for the Commercial Installer & Service Engineer Includes Testo 330-2LL analyser with Bluetooth connectivity, power supply/charger, flue gas probe (300mm x 8mm diameter) and carrying case	300563 3308	£1,450.00	€1,884.00
Testo 330-2LL Professional Set With Printer Also includes Testo infrared printer and pack of 6 paper rolls	0563 3325 71	£1,379.00	€1,791.00
Testo 330-2LL Bluetooth Professional Set with Printer Also includes Testo infrared printer and pack of 6 paper rolls	300563 3309	£1,620.00	€2,104.00

Testo 330LL Accessories

Please see page 5 for technical data

Description	Part Number	Price £	Price €
Crocodile clip temperature probe	300900 0009	57.00	74.00
Temperature probe adaptor (for use with 300900 0009)	0440 1261	44.00	58.00
Differential temperature set including adaptor	0554 1208	61.50	80.00
Pressure hose connection set	0554 1203	22.90	30.00
Ambient CO probe	0632 3331	305.00	396.00
Ambient CO ₂ probe	0632 1240	511.00	664.00
Connection cable for ambient CO ₂ probe	0430 0143	36.70	48.00
Gas leak detector probe	0632 3330	202.00	263.00
B1 gas cooker grill probe (to BS7967)	300002 7967	60.50	79.00
B2 angled probe for open flue applications (to BS7967)	300001 7967	55.00	72.00
Testo infrared printer	0554 0547	154.00	200.00
Testo 330LL software with analysis and graphics function, online measurement	0554 3332	129.00	168.00
Testo 330LL software with PDA mobile function	0554 1210	264.00	343.00
Testo 330LL USB connection cable	0449 0047	19.90	26.00
BS7967 firmware upgrade - software upgrade	300330 7967	33.00	43.00
Immersion/air probe	300602 2730	24.00	35.00
IRDA Printer with mains unit	0554 0548	238.00	309.00
Filters x 10	0554 3385	13.00	17.00
Fixed 5 Year Service Contract for Testo 330 (See page 39 for further information)	300000 3273	90.00	117.00

Testo 327-1 O₂ Model

Flue Gas Analyser for Oil Boiler Servicing



The simple flue gas analyser for oil boiler servicing.

- For use with kerosene, light and heavy oil
- Measures O₂ and efficiency
- Measures differential temperature and differential pressure with optional probes
- Simple menu for selecting measurement options
- Fast 30 second set up time
- Robust and shock-proof due to Elastomer protection skin
- IRDA interface to optional Testo infrared printer
- Independently tested to EN 50379
- 3 year instrument and sensor warranty

Technical Data

Temperature	-40 to 600 °C
Draught/Pressure	P1 ±40 mbar, P2 ±200 mabr
O ₂	0 to 21 Vol. %
CO ₂	0 to 4,000 ppm
CO _x	calculated

Testo 327-1 O₂ Standard Kit

Testo 327-1 analyser, flue gas probe (180mm x 6mm diameter), mains unit and carry case

Part Number **300563 3280**

Price **£463.00 €602.00**



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Testo 308 Digital Smoke Tester

For Oil Boiler Servicing

Testo 308 provides a digital read out of smoke numbers, via automatic pump. Ideal for oil heating engineers.

- Digital read-out of the smoke number
- Automatic feed of smoke paper
- Repeatable, accurate measurements every time
- Automatic calculation of average smoke number
- Time saving through a fully automatic pump
- Readings unaffected by condensation
- IR- and IrDa-interfaces for wireless communication
- Backlit display



Technical Data

Pump	1.63 ± 0.07 ltr/min
Weight	Ca 350g
Size	95 x 60 x 250 cm

Description	Part Number	Price £	Price €
Testo 308, includes mains unit, carry case	0563 3080	342.00	444.00
Testo 308 Bluetooth, includes mains unit, carry case	0563 3090	455.00	591.00
Testo 308 plus Accessories, includes mains unit, carry case, steel cone & filter paper	300563 3088	349.00	454.00
Testo 308 Bluetooth plus Accessories, includes mains unit, carry case, steel cone & smoke paper rolls (8 rolls)	300563 3087	519.00	674.00

Testo Pressure Gauge Set

Vacuum and pressure gauge set comprising 0 to -1 bar vacuum gauge, 0 to 25 bar pressure gauge, plus adapters and 3-way valve all in a convenient carry case



Part Number **300554 0438**

Price **£75.00** **€98.00**

Accessories	Part Number	Price £	Price €
Testo 308 smoke paper (8 rolls)	0554 0146	17.60	23.00
Particle filters	0554 1101	10.60	14.00
Cone for smoke pump	0554 9010	10.00	13.00
Smoke sheets for manual smoke pump (40 pieces)	0554 0308	4.60	6.00
Testo infrared printer	0554 0547	154.00	200.00

Testo Smoke Pump

Smoke tester including smoke paper sheet, smoke chart and cone



Part Number **300554 0307**

Price **£99.00** **€144.00**

Testo 535

CO₂ Monitor



Poor air quality can lead to tiredness, lack of concentration and illness due to high CO₂ concentrations. The Testo 535 is an efficient CO₂ measuring instrument for accessing indoor air quality. The Testo 535 is also ideal for checking ventilation in commercial kitchens and schools to ensure compliance.

- Monitoring based on maximum and mean calculation
- Long-term stable 2 channel infrared sensor
- On-site printouts available with Testo infrared printer (optional)
- Repeated calibration unnecessary

Technical Data

Probe type	2 channel infrared sensor
Measuring range	0 to +9,999 ppm CO ₂
Accuracy	±50 ppm CO ₂ ±2% of mv (0 to +5,000 ppm CO ₂) ±100 ppm CO ₂ ±3% of mv (+5,001 to +9,999 ppm CO ₂)
Resolution	1 ppm CO ₂

Testo 535 CO₂ Set

CO₂ measuring instrument with attached probe, soft zip case, batteries and calibration protocol

Part Number **300563 5350**

Price **£356.00** **€463.00**

Accessories	Part Number	Price £	Price €
TopSafe protection case	0516 0183	25.20	33.00
Mains unit	0554 1143	71.00	93.00
Testo infrared printer	0554 0547	154.00	200.00



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Testo 317-3

CO Detection Monitor

- Visual and audible alarm
- Adjustable alarm threshold
- CO zeroing on site
- Instrument can be used immediately (no zero phase required)

Technical Data

Measuring range	0 to +1,999 ppm CO
Accuracy	±10 ppm (0 to +99 ppm) ±10% (+100 to +499 ppm)
Resolution	1 ppm



Testo 317-3 CO Monitor

CO monitor set, includes leather pouch, headphones, hand strap and battery

Part Number **0632 3173**

Price **£126.00 €164.00**

Testo 317-2

Gas Leak Detector

- Sensor self-test following switch-on
- Audible signal confirms Testo 317-2 is ready for use
- Increasing visual and audible alarm with rising gas concentration
- Continuous sound if alarm threshold is exceeded
- Battery status indicated on display

Technical Data

Measuring range	0 to 20,000 ppm CH ₄	0 to 10,000 C ₃ H ₈
Alarm thresholds	10,000 ppm CH ₄	5,000 C ₃ H ₈
Lower response thresholds	100 ppm CH ₄	50 C ₃ H ₈
Display	8 segment bar graph trend display	



Testo 317-2 Gas Leak Detector

Gas leak detector including leather pouch, hand strap and battery

Part Number **0632 3172**

Price **£84.00 €110.00**

Testo 315-2

CO Detection Monitor

- Reliable CO warning
- Adjustable alarm limits with audible and visual alarm
- Automatic zero point calibration
- Readings may be printed with optional printer (see page 38)

Technical Data

Measuring range	0 to +2,000 ppm CO
Accuracy	±10 ppm CO (0 to +100 ppm CO) ±10% of mv (+100 to +2,000 ppm CO)
Resolution	1 ppm CO



Testo 315-2 CO Monitor

CO warning instrument with battery and calibration protocol

Part Number **0632 0317**

Price **£251.00 €326.00**

Testo 316-1

Gas Leak Detection for Pipe Work

- Small diameter sensor head
- Bendable measurement probe for inaccessible pipes
- Quick reaction time
- Optical and audible alarm if limit value is exceeded

Technical Data

Measuring range	0 to 10,000 ppm CH ₄
1st alarm limit	From 200 ppm CH ₄
2nd alarm limit	10,000 ppm CH ₄



Testo 316-1 Gas Leak Detector

Electronic gas leak detector with flexible probe, including battery

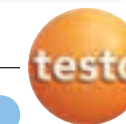
Part Number **0632 0316**

Price **£179.00 €233.00**



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Low Cost Thermometers



Testo Mini Surface Thermometer

For quick and easy surface temperature measurement. Measuring range of -50 to +250 °C with up to 1 °C accuracy, 120 mm long

Part Number 0900 0519

Price £25.20 €33.00



Testo Waterproof Mini Thermometer

Waterproof thermometer (IP 68) for simple temperature spot checks. Measuring range of -40 to +230 °C with up to 0.3 °C accuracy, 120 mm long

Part Number 0900 0528

Price £18.00 €24.00



Testo 905-T1 Compact Penetration Thermometer

Compact penetration thermometer with 180° swivel head. Measuring range of -50 to +350 °C (short-term to +500 °C), with up to 1 °C accuracy

Part Number 0560 9055

Price £55.00 €72.00



Testo 905-T2 Compact Surface Thermometer

Compact surface thermometer with spring loaded thermocouple head and 180° swivel head. Measuring range of -50 to +350 °C (short-term to +500 °C), with ±1 °C accuracy ±1 % mv

Part Number 0560 9056

Price £73.00 €95.00

Testo 922

Differential Thermometer



The Testo 922 is a differential thermometer with 2-line display for easy temperature comparisons, for use with both cabled and optional wireless probes.

- 2 channel measuring instrument
- Cyclical printing of readings (with optional printer)
- Continuous display of max/min values
- Hold button to freeze reading
- Backlit display

Technical Data

Probe Type	Type K (NiCr-Ni)
Measuring range	-50 to +1,000 °C
Accuracy	±(0.5 °C +0.3 % of mv)
±1 digit	(-40 to +900 °C) ±(0.7 °C +0.5 % of mv) (remaining range)
Resolution	0.1 °C (-50 to +199.9 °C) 1 °C (remaining range)

Testo 922 Differential Thermometer

2 channel, Type K thermometer with battery and calibration protocol (probes to be ordered separately)

Part Number 0560 9221

Price £107.00 €139.00

Testo 922 HVAC Kit

Includes Testo 922 thermometer, 2 Velcro pipe wrap probes, waterproof immersion probe and carry case

Part Number 300563 9221

Price £185.00 €241.00

Accessories	Part Number	Price £	Price €
TopSafe protection case	0516 0222	19.20	25.00
Robust air probe, T/C Type K	0602 1793	41.30	54.00
Waterproof surface probe	0602 1993	41.30	54.00
Velcro temperature probes (2 off)	300602 0001	44.00	58.00



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CONTACT TEMPERATURE MEASUREMENT

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CONTACT TEMPERATURE MEASUREMENT



Testo 925

Thermocouple Thermometer



The Testo 925 is a fast action Type K thermocouple thermometer for use with both cabled and optional wireless probes.

- 1 channel measuring instrument
- Audible alarm sounds if limited value is exceeded
- Continuous display of max/min values
- Hold button to freeze reading
- Backlit display

Technical Data

Probe Type	Type K (NiCr-Ni)
Measuring Range	-50 to +1,000 °C
Accuracy ±1 digit	±(0.5 °C + 0.3 % of mv) (-40 to +900 °C) ±(0.7 °C + 0.5 % of mv) (remaining range)
Resolution	0.1 °C (-50 to +199.9 °C) 1 °C (remaining range)

Testo 925 Thermocouple Thermometer

1 channel, Type K thermometer with audible alarm, battery and calibration protocol (probes to be ordered separately)

Part Number **0560 9250**

Price **£70.00** **€91.00**

Accessories

	Part Number	Price £	Price €
TopSafe protection case	0516 0221	18.00	24.00
Robust air probe, T/C Type K	0602 1793	41.30	54.00
Waterproof immersion/penetration probe	0602 1293	28.60	38.00
Waterproof surface probe	0602 1993	41.30	54.00
Velcro temperature probes (2 off)	300602 0001	44.00	58.00

Testo 810 Pocket Line

Air and Surface Temperature Measurement



Innovative pocket sized measurement technology for air and surface temperature measurement.

- Surface temperature IR measurement with 1-point laser spot marking and 6:1 optics
- Air temperature measurement
- Display of differential temperature e.g. between surface and air
- Hold function and max/min values

Technical Data

	Surface	Air
Measuring range	-30 to +300 °C	-10 to +50 °C
Accuracy	±2.0 °C (-30 to +100 °C) ±2 % of m.v. (remaining range)	±0.5 °C
Resolution	0.1 °C	0.1 °C

Testo 810

Includes Testo 810, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **0560 0810**

Price **£81.00** **€106.00**



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CONTACT TEMPERATURE MEASUREMENT

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NON-CONTACT TEMPERATURE MEASUREMENT



Testo 830

Infrared Thermometers with Laser Sighting



The Testo 830 series of fast and versatile infrared thermometers offer 1 and 2 point laser sighting.

Common features of the Testo 830 series:

- Laser sighting
- Adjustable alarm limits
- Audible and visual alarm if limits are exceeded
- Easy handling thanks to the ergonomic "pistol" design
- Backlit display
- Adjustable emissivity factor (0.2 to 1.0)

Additional advantages of the Testo 830-T2:

- Exact 2-point sighting
- Connection of external temperature probes

Testo 830-T1

Testo 830-T1, infrared thermometer with 1 point laser sighting

Part Number **0560 8301**

Price **£101.00 €132.00**

Testo 830-T2

Testo 830-T2, infrared thermometer with 2 point laser sighting and connection of external probes

Part Number **0560 8302**

Price **£138.00 €180.00**

Technical Data

	Testo 830-T1		Testo 830-T2	
	Infrared	Infrared	Type K (NiCr-Ni)	Type K (NiCr-Ni)
Measuring range	-30 to +400 °C		-50 to +500 °C	
Accuracy ±1 digit	±1.5 °C or 1.5 % of mv (+0.1 to +400 °C) ±2 °C or 2 % of mv (-30 to 0 °C) whichever value is the greater		±(0.5 °C ±0.5 % of mv)	
Resolution	0.5 °C	0.5 °C	0.1 °C	
Lens	10:1	12:1	n/a	

Testo 175-T

Temperature Data Logger Range



Testo 175-T temperature data loggers for uninterrupted monitoring of air temperatures.

- Memory up to 16,000 readings
- 1 line clear LCD display
- Optional surface temperature measurements (Testo 175-T3 only)
- Eliminates time needed for paper records
- Secure data even if the battery expires (typical life of 2.5 years)

Technical Data

	Testo 175-T1		Testo 175-T3	
	NTC (internal)	Type T	Type T	Type K
Measuring range	-35 to +70 °C	-50 to +400 °C	-50 to +400 °C	-50 to +1,000 °C
Accuracy	±0.5 °C (-20 to +70 °C)	±0.5 °C (-50 to +70 °C)	±0.5 °C (-50 to +70 °C)	0.7% of mv (+70.1 to +1,000 °C)
±1 digit	±1 °C (-35 to +20.1 °C)	±0.7 % of mv (+70.1 to +400 °C)	±0.7 % of mv (+70.1 to +400 °C)	±0.5 °C (-50 to +70 °C)
Resolution	0.1 °C (-20 to +70 °C)	0.3 °C (-35 to -20.1 °C)	0.1 °C	
Memory	7,800		16,000	
Battery life			Up to 2.5 years	

Testo 175-T1 Data Logger

Temperature data logger, 1 channel, internal sensor. Supplied with wall holder and calibration protocol

Part Number **0563 1754**

Price **£89.00 €116.00**

Testo 175-T3 Data Logger

Temperature data logger, 2 channels, 2 external probe sockets. Supplied with wall holder and calibration protocol

Part Number **0563 1756**

Price **£154.00 €200.00**

Accessories - Testo 175-T3

	Part Number	Price £	Price €
Flexible thermocouple Type K probe, 800mm, fibreglass	0602 0644	15.20	20.00
Velcro pipe wrap probes (2 off)	300602 0001	44.00	58.00



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NON-CONTACT TEMPERATURE MEASUREMENT



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DATA LOGGERS

Testo 175-S

Current/Voltage Data Logger Range

Testo's current/voltage data loggers guarantee uninterrupted monitoring of current signals.

- Memory of 16,000 readings
- 1 line clear LCD display (Testo 175-S2 only)
- Eliminates time needed for paper records
- Secure data even if the battery expires

Technical Data

Measuring range	0 to 1 V / 0 to 10 V 0 to 20 mA +4 to 20 mA
Accuracy ±1 digit	±2 mV (0 to 1 V) ±20 mV (1 to 10 V) ±0.05 mA (0 to 20 mA) ±0.05 mA (4 to 20 mA)
Resolution	1 mV (0 to 1 mV) 10 mV (1 to 10 V) 0.01 mA (0 to 20 mA) 0.01 mA (4 to 20 mA)
Memory	16,000
Battery life	Up to 2.5 years

Testo 175-S1 Data Logger

Current/voltage data logger without display, 1 channel with external terminal block. Supplied with wall holder and calibration protocol

Part Number **0563 1759**

Price **£155.50** **€202.00**

Testo 175-S2 Data Logger

Current/voltage data logger with display, 1 channel with external terminal block. Supplied with wall holder and calibration protocol

Part Number **0563 1761**

Price **£234.00** **€304.00**

Testo 175-H2

Humidity Data Logger

Testo's compact humidity/temperature logger with display, provides a fast on-site overview of current readings.

- Humidity sensor for long term stability
- Secure data even if the battery expires
- No need for paper records

Technical Data

Measuring range	-20 to +70 °C 0 to 100% rh
Accuracy ±1 digit	±1 digit ± 3% rh
Resolution	0.1 °C 0.1% rh
Memory	16,000
Sensor type	NTC and humidity capacitive sensor
Battery life	Up to 2.5 years

Testo 175-H2 Data Logger

Humidity/temperature logger, 2 channels with internal sensors, wall holder and calibration protocol

Part Number **0563 1758**

Price **£217.00** **€282.00**

Legionella Kit

Reduce the risk of Legionella by using our recommended kit for logging water temperature.



Accessories

	Part Number	Price £	Price €
Testo 175-T3 data logger (see page 15 for details)	0563 1756	154.00	200.00
Velcro pipe wrap probes (2 off)	300602 0001	44.00	58.00
ComSoft software with USB interface	0554 1766	96.00	125.00
TOTAL PRICE		294.00	383.00

Accessories



Testo 580 Data Collector with USB Interface

Collects the data from your loggers and downloads this to a PC via the connection cable, without the need to remove loggers from their location. Can also be used to stop and re-set the loggers

Part Number **0554 1764**

Price **£201.00** **€261.00**



Testo 575 Fast Printer and Logger Control

Infrared printer that prints straight from any Testo product (with print function), without the need for PC connection. Can also be used to stop and re-set data loggers

Part Number **0554 1775**

Price **£294.00** **€382.00**



ComSoft Basic for 175 USB interface

Testo ComSoft software enables you to monitor, save and print logger data. Once downloaded, data can be shown in a table or graph format

Part Number **0554 1766**

Price **£96.00** **€125.00**



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Testo 510

Digital Manometer

Innovative pocket sized measurement technology for differential pressure measurement.

- Measuring range of 0 to 100 mbar
- Gas pressure and flue draught measurement
- Duct flow velocity measurement with Pitot tube
- Air density and temperature compensated



Technical Data

Measuring range	0 to 100 mbar
Accuracy	±0.03 mbar (0 to 0.30 mbar) ±0.05 mbar (0.31 to 1.00 mbar) ±0.1 mbar +1.5 % of m.v. (1.01 mbar to 100 mbar)
Resolution	0.01 mbar

Testo 510

Includes Testo 510, connection hoses and adaptor, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **300563 0510**

Price **£119.00 €155.00**

Testo 511

Absolute Pressure, Barometric Pressure and Altitude

Innovative pocket sized measurement technology for pressure measurement.

- Absolute pressure accuracy ±3 mbar
- Calculation of barometric pressure
- Barometric altitude measurement



Technical Data Pressure

Measuring range	300 to 1,200 mbar
Accuracy	±3.0 mbar
Resolution	0.1 mbar

Testo 511

Includes Testo 511, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **0560 0511**

Price **£138.00 €180.00**

Accessories	Part Number	Price £	Price €
Silicon hose	0554 0448	14.30	19.00

Testo 312-2 & 312-3

Manometers – 40/200 & 300/6,000 mbar

- Fitted brass connections
- Clear 2 line LCD display
- Time and alarm when limits are exceeded
- Switchable precision range with a high resolution



The Testo 312-2 measures low pressure from 40/200 mbar compared to the Testo 312-3 model which measures high pressure from 300/6,000 mbar (DVGW approval according to TRGI).

Testo 312-2 Manometer

Includes alarm display, battery and calibration protocol

Part Number **0632 0313**

Price **£221.00 €287.00**

Testo 312-3 Manometer

Includes alarm display, battery and calibration protocol

Part Number **0632 0314**

Price **£285.00 €370.00**

Technical Data

	Testo 312-2		Testo 312-3	
	-40 to +40 mbar	-200 to +200 mbar	-300 to +300 mbar	-6,000 to +6,000 mbar
Measuring range	-40 to +40 mbar	-200 to +200 mbar	-300 to +300 mbar	-6,000 to +6,000 mbar
Accuracy ± 1 digit	± 1.5% of mv (+3 to +40 mbar) ± 0.03 mbar (0 to +3 mbar)	± 0.5% of mv (0 to +50 mbar) ± 2 mbar (+50 to +200 mbar)	± 0.5 mbar (0 to +50 mbar) ± 1.5 mbar (+50 to +300 mbar)	± 2% of mv (+400 to +2,000 mbar) ± 4% of mv (+2,000 to +6,000 mbar)
Resolution	0.01 mbar (-40 to +40 mbar)	0.1 mbar (-200 to +200 mbar)	0.1 mbar (-300 to +300 mbar)	1 mbar (-6,000 to +6,000 mbar)

Accessories	Part Number	Price £	Price €
Pressure Drop set for 312 series	0554 3153	99.60	130.00
Test Pump > 6000 mbar	0554 3157	29.00	38.00
Connecting tube	0554 3158	18.90	25.00



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Testo 312-4

Differential Pressure Meter

A differential pressure meter for gas and water with 2 pressure ranges. This model includes logging capability and temperature measurement.

- Integrated differential pressure sensor
- Integrated calculation of the pipe volume and the leakage amount
- Possibility to connect a high pressure probe for inspection of water pipes and preliminary inspection
- Gas pressure control inspection (recording measured value for 24 hrs)
- Logger function
- Data transmission to PC software including analysis
- Several probes can be connected (large probe range)
- Additional: volume flow calculation, temperature measurement



Testo 312-4 Basic Kit

Includes hose set, balloon pump, 2 conical test plugs, pressure set, printer and system case

Part Number 0563 1327

Price £728.00 €946.00

Testo 312-4 High Pressure Kit

Includes differential pressure gauge, hose set, balloon pump, 2 conical test plugs, pressure set, 3 high pressure plugs, printer and carry case

Part Number 0563 1328

Price £910.00 €1,182.00

Technical Data

Pressure 1 (instrument)	Meas. Range: 0...200 hPa Accuracy: ± 3 Pa (0...3 hPa) ± 1.5% of mv (3...40 hPa) ± 2 hPa of fsv (40...200 hPa)
Pressure 2 (high pressure probe) °C	Meas. Range 0...15 bar 0.01 bar (= 10 mbar) Meas. Range: depending on the temperature sensor Accuracy: ±0.4°C (-100...+200) ±1 °C (remaining measuring range)

Accessories

	Part Number	Price £	Price €
Testo pump (up to 6000 mbar)	0554 3157	29.00	38.00
9V rechargeable battery	0515 0025	22.80	30.00
Charger for 9V battery	0554 0025	25.00	33.00
Pipe wrap probe	0600 4593	122.00	159.00
Surface temperature probe with sprung thermocouple	0604 0194	124.00	162.00
Testo 312 software with analysis and graphics function, online measurement	0554 3332	129.00	168.00
Cable RS232, connects instrument to PC	0409 0178	32.10	42.00
High pressure probe	0638 1743	178.00	232.00

Testo 512

Differential Pressure and Flow Meter



Testo 512 – 0 to 2 hPa

Part Number 0560 5126

Price £328.00 €426.00

Testo 512 – 0 to 20 hPa

Part Number 0560 5127

Price £312.00 €406.00

Testo 512 – 0 to 200 hPa

Part Number 0560 5128

Price £303.00 €394.00

Testo 512 – 0 to 2,000 hPa

Part Number 0560 5129

Price £312.00 €405.00

- Range of 4 instruments offering a choice of flow units and pressure units, including hPa, kPa, psi and inH₂O
- Built-in density compensation
- Hold/max/min function
- Backlit display

NB: 1 hPa = 1 mbar

Technical Data

	Testo 512 0 to 2 hPa		Testo 512 0 to 20 hPa		Testo 512 0 to 200 hPa		Testo 512 0 to 2,000 hPa	
Probe type	Internal Pressure Probe	Pitot Tube	Internal Pressure Probe	Pitot Tube	Internal Pressure Probe	Pitot Tube	Internal Pressure Probe	Without flow, without bar
Measuring range	0 to +2 hPa	+2 to +17.5 m/s	0 to +20 hPa	+5 to +55 m/s	0 to +200 hPa	+10 to +100 m/s	0 to +2,000 hPa	
Resolution	0.001 hPa	0.1 m/s	0.01 hPa	0.1 m/s	0.1 hPa	0.1 m/s	1 hPa	
Overload	±10 hPa		±200 hPa		±2,000 hPa		±4,000 hPa	
Accuracy ±1 digit	0.5% of fsv		0.5% of fsv		0.5% of fsv		0.5% of fsv	

Accessories

	Part Number	Price £	Price €
TopSafe protection case	0516 0221	18.00	24.00
Stainless steel Pitot tube, 350 mm long, Ø 7 mm	0635 2145	100.00	130.00
Silicone connection hose, 5 m, max load 700 hPa	0554 0440	33.50	44.00
Transport case for measuring instrument and probes	0516 0201	29.00	38.00



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Testo 610

Humidity and Temperature Measurement

Innovative pocket sized measurement technology for air temperature and humidity checks.

- Reliable and stable measurement with Testo humidity sensor
- 2.5 %rh accuracy with calibration protocol
- Includes dewpoint and wet bulb calculation
- Useful aid for dampness and air quality investigations



Testo 610

Includes Testo 610, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **0560 0610**

Price **£124.00 €162.00**

Technical Data	Temperature	Humidity
Measuring range	-10 to +50 °C	0 to 100 %rh
Accuracy	±0.5 °C	±2.5 %rh (5 to 95 %rh)
Resolution	0.1 °C	0.1 %rh

Testo 605-H1

Mini Thermohygrometer

- Dew point calculation (-20 to +50 °C td)
- °180 swivel head for easy measurement readings
- Auto off function
- Humidity sensor unaffected by condensation
- Duct holder and multi-function clip for quick positioning



Testo 605-H1

With multi-purpose clip, duct holder, battery and instruction manual

Part Number **0560 6053**

Price **£80.00 €104.00**

Technical Data	
Measuring range	+5 to +95 %rh 0 to +50 °C
Parameters	%rh / °C / °F / °C td
Resolution	0.1 %rh / 0.1 °C
Accuracy	±3 %rh / ±0.5 °C

Testo 625

Thermohygrometer



- Displays temperature and relative humidity / wet bulb temperature / dew point temperature
- Hold/max/min function
- Backlit display
- Patented humidity sensor. Guaranteed for 2 years long-term stability
- Probe can be used either attached to the instrument or via optional probe handle and cable

Technical Data

	NTC Probe	Testo capacitive humidity sensor
Measuring range	-10 to +60 °C	0 to +100 %rh
Accuracy ±1 digit	±0.5 °C	±2.5 %rh (+5 to +95 %rh)
Resolution	0.1 °C	0.1 %rh

Testo 625 Thermohygrometer

Includes plug-in humidity probe head, battery and calibration protocol

Part Number **0563 6251**

Price **£182.00 €237.00**

Accessories

	Part Number	Price £	Price €
Wireless module, for conversion to use with wireless probes	0554 0188	26.70	35.00
Wireless handle, for attached probe head	0554 0189	73.00	95.00
Cable and handle, for plug in humidity probe head	0430 9725	33.90	44.00
TopSafe protection case	0516 0221	18.00	24.00
Zipper case for instrument and probes	0516 0210	19.40	26.00



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HUMIDITY AND MOISTURE MEASUREMENT

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HUMIDITY AND MOISTURE MEASUREMENT



Testo 606

Material Moisture, Air Temperature and Humidity

Available in two models:

- **Testo 606-1** material moisture
- **Testo 606-2** material moisture, air temperature and humidity
- Measurement of wood moisture
- Air temperature and humidity for monitoring drying process
- Curves for cement, concrete, plaster etc

Technical Data			
	Moisture	Temperature (Testo 606-2 only)	Humidity (Testo 606-2 only)
Measuring range	0 to 90 %	-10 to +50 °C	0 to 100 %rh
Accuracy	±1 % (conductivity)	±0.5 °C	±2.5 %rh (5 to 95 %rh)
Resolution	0.1 %	0.1 °C	0.1 %rh

Testo 410

Air Velocity, Temperature and Humidity Measurement

Innovative pocket sized measurement technology for wind or air velocity, temperature and humidity measurement.

Available in two models:

- **Testo 410-1** wind or air velocity and temperature
- **Testo 410-2** wind or air velocity, temperature and humidity
- Integrated 40 mm vane
- Timed mean value calculation
- Windchill factor calculation for outdoor areas
- Measurement units include m/s, km/h, mph, fpm, beaufort and knots

Technical Data	Flow velocity	Temperature	Humidity (Testo 410-2 only)
Measuring range	0.4 to 20 m/s	-10 to 50 °C	0 to 100 %rh
Accuracy	±(0.2 m/s + 2 % of m.v.)	±0.5 °C	±2.5 %rh (5 to 95 %rh)
Resolution	0.1 m/s	0.1 °C	0.1 %rh



Testo 606-1 Material Moisture

Includes Testo 606-1, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **0560 6060**

Price **£82.50 €108.00**

Testo 606-2 Material Moisture, Air Temperature and Humidity

Includes Testo 606-2, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **0560 6062**

Price **£148.00 €192.00**



Testo 410-1 for Air Velocity and Temperature

Includes Testo 410-1, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **0560 4101**

Price **£89.00 €116.00**

Testo 410-2 for Air Velocity, Temperature and Humidity

Includes Testo 410-2, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number **0560 4102**

Price **£138.00 €180.00**

Testo 405-V1

Mini Anemometer

- Measures air velocity, volume flow and temperature
- m/s and m³/h (volume flow calculation 0 to 99,990 m³/h)
- °180 swivel head for easy measurement readings
- Telescopic extendable probe, up to 30 cm
- Duct holder and multi-function clip for quick positioning

Technical Data	
Measuring range	0 to +10 m/s -20 to +50 °C
Accuracy ±1 digit	±0.1 m/s ±5% of mv (0 to +2 m/s) ±0.3 m/s ±5% of mv (+2.1 to +10 m/s) ±0.5 °C
Resolution	0.01 m/s 0.1 °C



Testo 405-V1

Includes duct holder, multi function clip and battery

Part Number **0560 4053**

Price **£99.00 €129.00**

Testo 417

Large-Area Vane Anemometer

- Fixed 100 mm Ø vane to measure flow, volume flow and temperature
- Indicates direction of flow
- Multi point and timed mean calculation
- Max/min values
- Hold button to freeze readings
- Backlit display

Technical Data			
Probe	NTC	Vane	Volume flow
Measuring range	0 to 50 °C	±0.3 to +20 m/s	0 to +99,999 m ³ /h
Accuracy ±1 digit	±0.5 °C	±(0.1 m/s + 1.5% of mv)	
Resolution	0.1 °C	0.01 m/s	0.1 m ³ /h (0 to +99,999 m ³ /h) 1 m ³ /h (+100 to +99,999 m ³ /h)

Testo 417 Anemometer

Includes battery and calibration protocol

Part Number **0560 4170**

Price **£273.00 €355.00**

Accessories	Part Number	Price £	Price €
2 attachable funnels – 200 x 200 mm and 330 x 300 mm	0563 4170	121.00	158.00



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VELOCITY MEASUREMENT

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VELOCITY MEASUREMENT



Testo 416

Compact Vane Anemometer

- Attached 16 mm vane probe on a telescopic handle (maximum length 890 mm)
- Direct display of volume air flow
- Multi-point or timed mean calculation
- Max/min values
- Hold button to freeze readings
- Backlit display

Technical Data

Measuring range	+0.6 to +40 m/s
Accuracy ±1 digit	±(0.2 m/s +1.5 % of mv)
Resolution	0.1 m/s



Testo 416 Anemometer

Includes battery and calibration protocol

Part Number **0560 4160**

Price **£380.00** **€494.00**

Testo 425

Compact Thermal Anemometer

- Attached thermal probe on a telescopic handle (max length 820 mm)
- Temperature, air flow and volume air flow measurement
- Multi-point and timed mean calculation
- Max/min values
- Hold button to freeze readings
- Backlit display

Technical Data

Probe type	Thermal	NTC
Measuring range	0 to +20 m/s	-20 to +70 °C
Accuracy	±(0.03 m/s +5% of mv)	±0.5 °C (0 to +60 °C) ±0.7 °C (remaining range)
Resolution	0.01 m/s	0.1 °C



Testo 425 Thermal Anemometer

Includes battery and calibration protocol

Part Number **0560 4251**

Price **£347.00** **€451.00**

Accessories

	Part Number	Price £	Price €
TopSafe protection case	0516 0221	18.00	24.00

Testo 435

Multi-Function Measuring Instrument for VAC and IAQ

The Testo 435 offers air conditioning engineers, a single instrument that can measure all of the key parameters needed to determine Indoor Air Quality (IAQ) and the efficient installation and maintenance of Ventilation and Air Conditioning (VAC) systems.

Common features of the Testo 435 series:

- Wide selection of probes (see page 31 for details)
- To measure temperature, humidity, velocity, CO, CO₂, differential pressure, turbulence/draughts, light (lux)
- Print out on-site with optional Testo infrared printer

Specific model features:

- Integrated differential pressure measurement (Testo 435-3/-4, not retrofittable)
 - for flow measurement (with Pitot tube)
 - for monitoring filters, room pressures
- Extended instrument function (Testo 435-2/-4, not retrofittable)
 - Instrument store for 10,000 readings (logging capability)
 - PC software for analysing, archiving and documenting measurement data
 - Humidity probes option, for wireless connection
 - Connections for lux and comfort level probes (optional)



Please see pages 30, 31 for Testo 435 Kits

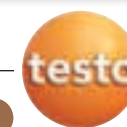
Base Instruments

Model	Testo 435-1	Testo 435-2	Testo 435-3	Testo 435-4
Additional Features		Data Logging	Integrated Differential Pressure Measurement	Integrated Differential Pressure Measurement
	Includes battery and calibration protocol	Includes readings memory, PC software, USB cable, battery	Includes built-in differential pressure, battery and calibration protocol	Includes built-in differential pressure, readings memory, PC software, USB cable, battery and calibration protocol
Part Number	0560 4351	0563 4352	0560 4353	0563 4354
Price	£341.00	€443.00	£422.00	€548.00
		£530.00	€689.00	£614.00
				€798.00



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Testo 435

continued

Testo 435-2 IAQ Kit 1

Measures/Logs Temperature, Humidity & CO₂
Includes PC software, USB cable, battery, calibration protocol, transport case & IAQ probe

Part Number **300563 4358**

Price **£1,021.00 €1,326.00**

Testo 435-2 IAQ Kit 2

Measures/Logs Temperature, Humidity, CO₂ & CO
Includes PC software, USB cable, battery, calibration protocol, transport case, IAQ probe & CO ambient probe

Part Number **300563 4359**

Price **£1,367.00 €1,776.00**

Testo 435-4 IAQ Kit

Measures/Logs Temperature, Humidity, CO₂, Absolute Pressure, Differential Pressure and Velocity (with optional Pitot tube)

Part Number **300563 4354**

Price **£1,217.00 €1,581.00**



Testo 435-2 VAC Kit

Measures/Logs Temperature, Humidity, Velocity (vane & hot wire probe)
Includes PC software, USB cable, battery, calibration protocol, transport case, 100mm vane probe and 3 function thermal probe

Part Number **300563 4356**

Price **£1,120.00 €1,455.00**

Testo 435-4 VAC Kit

Measures/Logs Temperature, Humidity, Velocity (vane probe or with optional Pitot tube), Absolute Pressure and Differential Pressure

Part Number **300563 4355**

Price **£1,441.00 €1,872.00**

Testo 435-2 Kitchen VAC Kit

Measures/Logs Temperature, Humidity, CO, CO₂ & Velocity
Includes PC software, USB cable, battery, calibration protocol, transport case, IAQ probe and 3 function thermal probe

Part Number **300563 4357**

Price **£1,433.00 €1,862.00**

Technical Data

	Testo 435-1/-2/-3/-4						Testo 435-3/-4
Probe Type	NTC	Type K (NiCr-Ni)	Testo capacitive humidity sensor	Vane	CO ₂ (IAQ probe)	Absolute pressure probe	Differential pressure probe, internal
Measuring Range	-40 to +150 °C	-200 to +1,370 °C	0 to +100 %rh	0 to +60 m/s	0 to +10,000 ppm CO ₂	0 to +2,000 mbar	0 to +25 mbar
Accuracy ± 1 digit	±0.2 °C (-25 to +74.9 °C) ±0.4 °C (-40 to -25.1 °C) ±0.4 °C (+75 to +99.9 °C) ±0.5% of mv (remaining range)	±0.3 °C (-60 to +60 °C) ±0.5% of mv (remaining range)	± 2% RH (+2 to +95%RH)		(± 50 ppm CO ₂ ± 2% of mv) - 0 to 5,000 ppm (± 100 ppm CO ₂ ± 3% of mv) + 5000 to 10,000 ppm CO ₂		±0.02 mbar (0 to +2 mbar) 1% of mv (remaining range)
Resolution	0.1 °C	0.1 °C	0.1 %rh	0.01	1 ppm	0.1 mbar	0.01 mbar

Also available:

	Part Number	Price £	Price €
Testo 616 for non-destructive testing of moisture levels in wood and building materials	0560 6160	273.50	356.00

Accessories

	Part Number	Price £	Price €
Wireless radio module	0554 0188	26.70	35.00
Wireless radio handle for plug-in heads, including T/C adapter	0551 0189	73.00	95.00
Thermocouple probe head, attachable to wireless handle	0602 0394	47.20	62.00
Humidity probe head, attachable to wireless handle	0636 9736	135.00	176.00
Humidity/temperature probe	0636 9735	244.00	317.00
Indoor air quality probe	0632 1535	539.00	700.00
Vane measurement probe, 16mm	0635 9535	330.00	429.00
Vane measurement probe, 60mm	0635 9335	332.00	431.00
Vane measurement probe, 100mm	0635 9435	226.00	294.00
Comfort level probe	0628 0109	580.00	754.00
Lux probe	0635 0545	273.00	355.00



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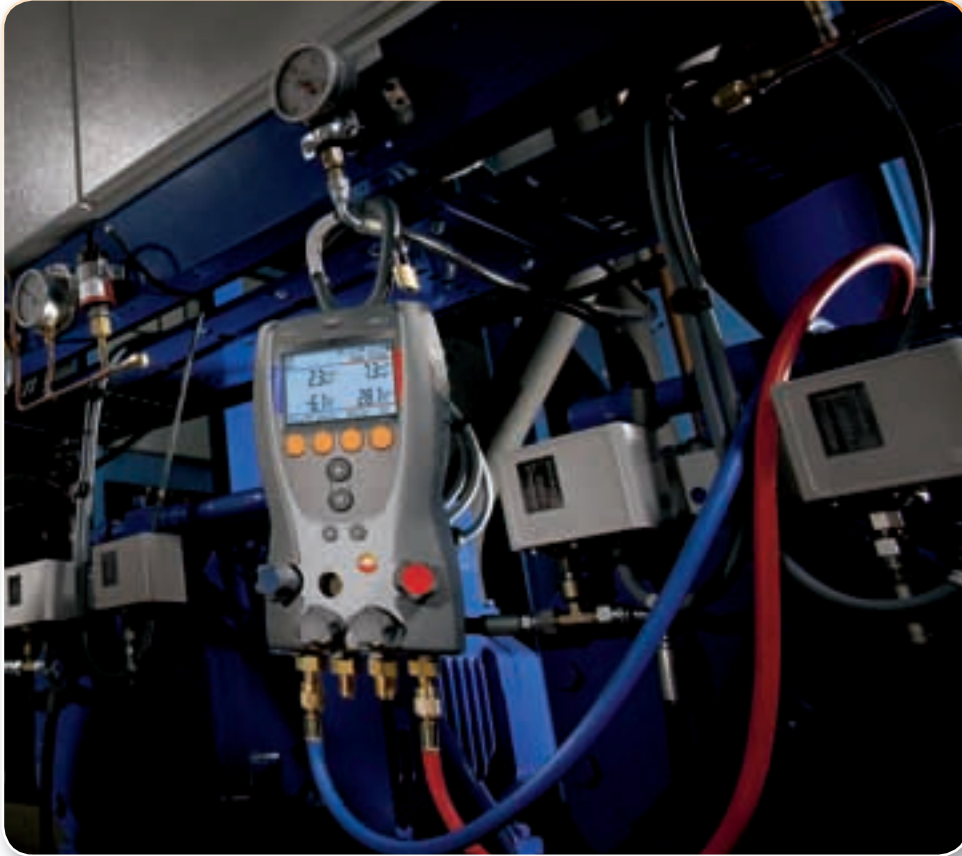
MULTI-FUNCTION INSTRUMENTS

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MULTI-FUNCTION INSTRUMENTS



Testo Digital Refrigerant Manifolds



Precision and assurance with a new generation of digital refrigerant manifolds.

- High accuracy pressure, vacuum and temperature sensors
- High and low pressure ranges (0-25 bar and 0-50 bar)
- Built in data on 30 refrigerants with free internet updates
- Vacuum range 0-200 mbar (Testo 560 only)
- Real time display of superheat and subcooling
- Optional wireless probe function
- Robust and durable with IP 54 rating
- Easy to use operation
- Download results to portable printer or PC

Available in three models:

- **Testo 523** with 2-way valve block and one temperature probe option
- **Testo 556** with 4-way valve block, four temperature probe options (two wireless), and internal memory capacity (60,000 readings)
- **Testo 560** with 4-way valve block, four temperature probe options (two wireless), internal memory capacity (60,000 readings) and vacuum gauge

Ammonia compatible models available on request

Testo 523 Kit

Testo 523 with 2-way valve block. Includes one velcro surface probe, calibration protocol, batteries and carry case

Part Number **0563 5235**

Price **£339.00 €441.00**

Testo 556-1 Kit

Testo 556-1 with 4-way valve block. Includes velcro surface probe, EasyKool software, USB cable, calibration protocol, mains unit, batteries, lock and carry case

Part Number **0563 5561**

Price **£708.00 €920.00**

Testo 560-1 Kit

Testo 560-1 with 4-way valve block and integral vacuum gauge. Includes velcro surface probe, EasyKool software, USB cable, calibration protocol, mains unit, batteries, lock and carry case

Part Number **0563 5602**

Price **£906.00 €1,177.00**

Technical Data

	Testo 523	Testo 556	Testo 560
Operating temperature		-20 °C to +60 °C	
Pressure media		CFC, HFC, N, H ₂ O, CO ₂	
Pressure accuracy		±0.5 % of full scale value ±1 digit (Class 0.5)	
Temperature			
Measuring range		-50 to +200 °C	
Accuracy		Pt 100 class B ± (0.3 to +0.005 t)	
Resolution		0.1 °C	
Vacuum range	n/a	n/a	0-200 mbar

Accessories

	Part Number	Price £	Price €
Transport case for Testo 523	0516 5013	47.00	61.00
System case for Testo 556 and Testo 560	0516 5602	83.00	108.00
Pt100 air probe	0609 1773	70.00	91.00
Pt100 waterproof surface temperature probe	0609 1973	81.60	106.00
Pt100 waterproof immersion/penetration probe	0609 1273	60.50	79.00
Pt100 velcro pipe wrap probes	0609 5602	81.00	106.00

Accessories - Testo 556 and Testo 560 only

	Part Number	Price £	Price €
Mains unit	0554 0447	12.50	17.00
EasyKool software with measurement data management, including USB data cable	0554 5604	201.00	261.00
USB cable	0449 0047	19.90	26.00
Wireless module, for conversion to use with wireless probes	0554 0188	26.70	35.00
Wireless radio handle for plug-in heads, including T/C adapter	0554 0189	73.00	95.00
Thermocouple Type K immersion/penetration probe head, attaches to wireless handle	0602 0293	37.00	49.00
Thermocouple Type K surface probe, attaches to wireless handle	0602 0393	86.90	113.00
Thermocouple Type K velcro pipe wrap probe, attaches to wireless handle	0628 0020	38.00	50.00



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Testo 316-4 Refrigerant Gas Leak Detector



- Ideal for F gas regulation leak testing
- Long life sensor, with built in performance check
- 1g/year sensitivity as EN 14624
- Fast response time
- Long gooseneck for inaccessible areas
- Audible and visual alarms
- Earplug socket for secure localisation of leakages in loud surroundings

Technical Data

Detectable	R134a, R22, R404a, H ₂ and all common refrigerants such as CFC, HCFC, HFC, NH ₃ (separate head)
Operating temperature	-20 to +50 °C

Testo 316-4 Set

Includes Testo 316-4, refrigerant sensor head (CFC, HCFC, HC, H₂), case, mains charging unit and ear plug

Part Number **0563 3164**

Price **£283.00 €368.00**

Testo 540 Lux Meter

Innovative pocket sized measurement technology for measuring ambient light conditions.

- Range 0 – 99,999 Lux
- Hold/max/min facility
- Units in lux or footcandles

Technical Data

Measuring range	0 to +99,999 Lux
Accuracy	±3 % (compared to reference)
±1 digit	
Resolution	1 Lux (0 to 19,999) 10 Lux (remaining range)



Testo 540 Lux Meter

Includes wrist strap, belt holder, protective cap, batteries and calibration protocol

Part Number **0560 0540**

Price **£102.00 €133.00**

Testo 545 Lux Meter

- Multi point and timed calculation
- Up to 99 location points can be saved
- Storage of up to 3,000 readings

Technical Data

Measuring range	0 to 100,000 Lux
Accuracy	Accuracy to DIN 5032, Part 6: F1 = 8 % = V (Lambda) adaption F2 = 5 % = cos like rating
±1 digit	
Resolution	1 Lux (0 to +32,000 Lux) 10 Lux (0 to 100,000 Lux)



Testo 545 Lux Meter

Includes attached probe, battery and calibration protocol

Part Number **0560 0545**

Price **£322.00 €418.00**



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Testo 460

Optical rpm Measurement

Innovative pocket sized measurement technology for optical rpm measurement.

- Optical rpm measurement with LED spot marking
- Max/min values



Technical Data

Measuring range	100 to 29,999 rpm
Accuracy	± (0.02 % of m.v.)
±1 digit	
Resolution	0.1 rpm (100 to 999.9 rpm) 1 rpm (1,000 to 29,999 rpm)

Testo 460

Includes wrist strap, belt holder, protective cap, reflective strips, batteries and calibration protocol

Part Number **0560 0460**

Price **£119.00 €155.00**

Testo 465 and 470

Tachometers

- Saves mean/min value (last reading)
- Non contact rpm measurement
- Optional mechanical/contact rpm measurement (Testo 470 only)



Testo 465 Non Contact Tachometer

Includes plastic case, reflectors and batteries

Part Number **0563 0465**

Price **£156.00 €203.00**

Testo 470 Dual Contact Tachometer

Includes transport case, adapter, probe tip, surface speed disc, reflectors and batteries

Part Number **0563 0470**

Price **£217.00 €282.00**

Technical Data

Probe type	Optically with mod. light beam	Mechanical -Testo 470 only
Measuring range	+1 to 99,999 rpm	+1 to +19,999 rpm
Accuracy	±0.02 % of m.v.	±0.02 % of m.v.
±1 digit		
Resolution	0.01 rpm (1 to 99.99 rpm) 0.1 rpm (100 to 999.9 rpm) 1 rpm (1,000 to 99,999 rpm)	

Testo 319

Visual Inspection Tool



The Testo 319 fibroscope allows easy visual checks in hard-to-access places. Locate piping under floor boards, wall cavities etc. and inspect filters and dampers in ducting.

- Robust and ergonomically designed
- Excellent optics – 6,000 pixels with a field of vision of 50°
- Waterproof lens and tube
- Check for corrosion or damage to internal boiler components

Testo 319 Fibroscope

Includes attached probe, battery and calibration protocol

Part Number **0632 3191**

Price **£402.00 €522.00**

Technical Data

Number of pixels	6,000
Fibre optical field of vision	50°
Minimum focus distance	15 mm (focus)
Maximum focus distance	150 mm (light)
Probe diameter	6.5 mm
Probe length	1247 mm ±6

Testo 319 Fibroscope Set

Includes Testo 319, gooseneck tube, magnet attachment, mirror attachment and carrying bag

Part Number **0563 3191**

Price **£579.00 €752.00**

Accessories




	Part Number	Price £	Price €
Testo 319 carry case	0516 3192	36.00	47.00



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Testo Printers		Part Number	Price £	Price €
	Infrared Printer Instrument readings can be printed out directly to printer via IRDA interface. Includes 1 roll of thermal paper and batteries.	0554 0547	£154.00	€200.00
	Infrared Printer with PDA Connection Instruments readings can be printed from Testo 330 or a PDA via IRDA interface. Also facilitates inclusion of company logo on print out. Includes 1 roll of thermal paper and batteries.	0554 0548	£238.00	€309.00
	Infrared Printer with Table/Graph Function Tables and graphs can be printed directly to printer via IRDA interface. Can also be used as a data logger control unit. Includes 1 roll of thermal paper and batteries.	0554 1775	£294.00	€382.00

Pack of six thermal printer rolls

Part Number	0554 0569
Price	£14.80 €20.00

Pack of six thermal printer rolls 10 year legibility

Part Number	0554 0568
Price	£16.10 €21.00



Testo 382 Multimeter

High quality multimeter with protective boot

Part Number	0590 0382
Price	£39.00 €51.00

Instrument Service and Calibration



With an experienced team, Testo run an independently accredited ISO 9001:2000 and ISO 17025 laboratory, committed to meeting your repair, servicing and calibration needs. With UKAS accreditation to ISO 17025, Testo offer an independent calibration service for most makes and models of humidity, dew point and temperature measuring instruments.



Please contact our Calibration Department on 01420 544 433, or send an email to service@testo.co.uk, if you have a requirement not shown on the following page.

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Instrument Service and Calibration

Flue gas analysers	Part Number	Price £	Price €
Fixed 5 Year Service Contract & Extended Warranty for Testo 327 Flue Gas Analysers. 5 year extended no catch warranty, annual service and calibration and replacement cells. Price fixed for 5 years. Payable annually after first year *	300000 3272	99.00	129.00
Fixed 5 Year Service Contract for Testo 330LL Flue Gas Analysers. 5 year annual service and calibration. Price fixed for 5 years. Payable annually after first year *	300000 3273	90.00	117.00
Basic yearly service and ISO calibration for Testo 325M, 327 and 330 range	300000 0010	84.00	110.00
CO Meters	Part Number	Price £	Price €
ISO gas calibration	300520 0008	41.30	54.00
Refrigerant leak detectors	Part Number	Price £	Price €
ISO certificate of conformity	300520 0028	27.50	36.00
Air, penetration, IR and immersion probes + data loggers	Part Number	Price £	Price €
ISO Calibration (-18 °C)	300520 0056	31.90	42.00
ISO Calibration (+60 °C)	300520 0048	31.90	42.00
ISO Calibration (+120 °C)	300520 0052	31.90	42.00
ISO Calibration (-18, 0 °C)	300520 0044	43.00	56.00
ISO Calibration (0, +60 °C)	300520 0072	43.00	56.00
ISO Calibration (-18, 0, +60 °C)	300520 0042	53.90	70.00
ISO Calibration (0, +50, +100 °C)	300520 0082	53.90	70.00
Surface probes	Part Number	Price £	Price €
ISO Surface Calibration (+60 °C)	300520 0096	42.50	56.00
ISO Surface Calibration (+60, +120, +180 °C)	300520 0038	71.50	93.00
Immersion and penetration probes only	Part Number	Price £	Price €
UKAS Calibration (-18, 0, +60 °C)	300520 0212	94.00	123.00
UKAS Calibration (0, +50, +100 °C)	300520 0214	94.00	123.00
Humidity indicators	Part Number	Price £	Price €
ISO humidity calibration (11.3/75.3 %rh at 25 °C)	300520 0058	73.00	95.00
ISO humidity calibration (11.3/45.3/75.3 %rh at 25 °C)	300520 0078	96.00	125.00
UKAS humidity calibration (11.3/75.3 %rh at 25 °C)	300520 0200	110.00	143.00
UKAS humidity calibration (11.3/45.3/75.3 %rh at 25 °C)	300520 0202	154.00	200.00
Pressure meters (70 bar max)	Part Number	Price £	Price €
ISO pressure calibration (5 points across range)	300520 0018	57.80	76.00
Air velocity (0.4 to 32.5 m/s)	Part Number	Price £	Price €
ISO air velocity (2 points across range)	300520 0010	41.80	55.00
ISO air velocity (5 points across range)	300520 0012	64.00	84.00
Tachometers (6,000 rpm max mechanical/9,900 rpm max optical devices)	Part Number	Price £	Price €
ISO rpm calibration (5 points)	300520 0100	60.50	79.00

* Conditions apply.

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About Testo

Testo provide an extensive range of instrumentation for HVAC-R installers and engineers. Our instruments are produced to the highest standards and offer exceptional durability, functionality and ease of use. In addition we offer instrument service and calibration from our independently accredited ISO 9001:2000 and ISO 17025 facilities.

Testo instruments can be purchased from all leading heating and plumbing distributors, or alternatively ordered directly from Testo.

Distributor Contact Information:

testo Ltd.
Newman Lane
Alton, Hants,
GU34 2QJ

Tel: 01420 544 433
Fax: 01420 544 434
Email: info@testo.co.uk
Internet: www.testo.co.uk

Prices are valid until 31st December 2009 and exclude VAT and carriage. Discounts available for large quantity, please contact our Internal Sales Department for further details.

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