









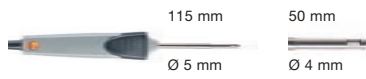
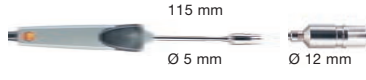


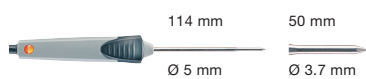




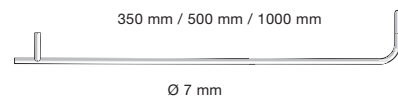


Probes

| Probe type | Dimensions Probe shaft/probe shaft tip | Measuring range | Accuracy | t ₉₉ | Part no. |
|--|---|--|--|-----------------|-----------|
| IAQ probes (testo 435-1/-2/-3/-4) | | | | | |
| IAQ probe to assess Indoor Air Quality, CO ₂ , humidity, temperature and absolute pressure measurement, with desk-top stand |  | 0 to +50 °C 0 to +100 %RH 0 to +10000 ppm CO ₂ +600 to +1150 hPa | ±0.3 °C ±2 %RH (+2 to +98 %RH) ±(75 ppm CO ₂ ±3% of mv) (0 to +5000 ppm CO ₂) ±(150 ppm CO ₂ ±5% of mv) (+5001 to +10000 ppm CO ₂) ±10 hPa | | 0632 1535 |
| Ambient CO probe, for detecting CO in buildings and rooms |  | 0 to +500 ppm CO | ±5% of mv (+100.1 to +500 ppm CO) ±5 ppm CO (0 to +100 ppm CO) | | 0632 1235 |
| Globe probe Ø 150mm, TC Type K, for measuring radiant heat |  | 0 to +120 °C | Class 1 | | 0602 0743 |
| Flow velocity probes (testo 435-1/-2/-3/-4) | | | | | |
| Thermal velocity probe with built-in temperature and humidity measurement, Ø 12 mm, with telescopic handle (max. 745 mm) |  | -20 to +70 °C 0 to +100 %RH 0 to +20 m/s | ±0.3 °C ±2 %RH (+2 to +98 %RH) ±(0.03 m/s +4% of mv) | | 0635 1535 |
| Vane meas. probe, 16 mm diameter, with telescopic handle max. 890 mm, e.g. for meas. in ducts, can be used from 0 to +60 °C |  | +0.6 to +40 m/s Operating temperature 0 to +60 °C | ±(0.2 m/s +1.5% of mv) | | 0635 9535 |
| Vane meas. probe, 60 mm diameter, with telescopic handle max. 910 mm, e.g. for meas. at duct exit, can be used from 0 to +60 °C |  | +0.25 to +20 m/s Operating temperature 0 to +60 °C | ±(0.1 m/s +1.5% of mv) | | 0635 9335 |
| Hot wire probe for m/s and °C, Ø probe head 7.5 mm, with telescopic handle (max. 820 mm) |  | 0 to +20 m/s -20 to +70 °C | ±(0.03 m/s +5% of mv) ±0.3 °C (-20 to +70 °C) | | 0635 1025 |
| Funnel measurement (testo 435-1/-2/-3/-4) | | | | | |
| Vane meas. probe, 100 mm diameter, for measurements with funnel set 0563 4170 |  | +0.3 to +20 m/s 0 to +50 °C | ±(0.1 m/s +1.5% of mv) ±0.5 °C | | 0635 9435 |
| testovent 417 funnel set for plate outlets (Ø 200 mm) and funnel for ventilator (330 x 330 mm) for ingoing and outgoing air |  | | | | 0563 4170 |
| Flow straightener testovent 417 | | | | | 0554 4172 |
| Flow straightener set testovent 417 consisting of funnel set testovent 417 and flow straightener testovent 417 | | | | | 0554 4173 |
| Absolute pressure probes (testo 435-1/-2/-3/-4) | | | | | |
| Absolute pressure probe 2000 hPa |  | 0 to +2000 hPa | ±5 hPa | | 0638 1835 |

2) More temperature probes on the internet at www.testo.com

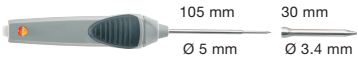
Probes

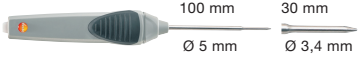
| Probe type | Dimensions Probe shaft/probe shaft tip | Measuring range | Accuracy | t ₉₉ | Part no. |
|--|---|---|--|-----------------|-----------|
| Air probes ²⁾ (testo 435-1/-2/-3/-4) | | | | | |
| Efficient, robust NTC air probe, Fixed cable 1.2 m |  | -50 to +125 °C | ±0.2 °C (-25 to +80 °C) ±0.4 °C (remaining range) | 60 s | 0613 1712 |
| Surface probes ²⁾ (testo 435-1/-2/-3/-4) | | | | | |
| Fast-action surface probe with sprung thermocouple strip, also for uneven surfaces, measurement range short-term to +500°C, TC Type K, Fixed cable |  | -60 to +300 °C | Class 2 ¹⁾ | 3 s | 0602 0393 |
| Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Meas. range short-term up to +280°C, TC Type K, Fixed cable |  | -60 to +130 °C | Class 2 ¹⁾ | 5 s | 0602 4592 |
| Clamp probe for measurements on pipes, pipe diameter 15 to 25 mm (max. 1"), meas. range short-term up to +130°C, TC Type K, Fixed cable |  | -50 to +100 °C | Class 2 ¹⁾ | 5 s | 0602 4692 |
| Immers./penetr. probes ²⁾ (testo 435-1/-2/-3/-4) | | | | | |
| Waterproof immersion/penetration probe, TC Type K, Fixed cable 1.2 m |  | -60 to +400 °C | Class 2 ¹⁾ | 7 s | 0602 1293 |
| IAQ probes (testo 435-2/-4) | | | | | |
| Comfort level probe for degree of turbulence measurement with telescopic handle (max. 820 mm) and stand, meets EN 13779 requirements |  | 0 to +50 °C 0 to +5 m/s | ±0.3 °C ±(0.03 m/s + 4% of mv) | | 0628 0109 |
| Lux probe, for measuring light intensity |  | 0 to 100.000 Lux 0 to 300 Hz | Accuracy acc. to DIN 13032-1: f1 = 6% = V(Lambda) adjustment f2 = 5% = cos-like weighting, Class C | | 0635 0545 |
| Humidity probes (testo 435-2/-4) | | | | | |
| Humidity/temperature probe |  | -20 to +70 °C 0 to +100 %RH | ±0.3 °C ±2 %RH (+2 to +98 %RH) | | 0636 9735 |
| Surface probes ²⁾ (testo 435-2/-4) | | | | | |
| Temperature probe to determine U- value, triple sensor system for measuring wall temperature, modelling clay included |  | -20 to +70 °C | Class 1 ¹⁾ U-value: ±0.1 ±2% of fsv* | | 0614 1635 |
| | | Note: An additional probe for measuring outer temperatures is required when determining the U-value e.g. 0602 1793 or 0613 1001 or 0613 1002. *when used with an NTC or wireless humidity probe for measuring outside temperature and 20 K difference between the air inside and outside | | | |
| Prandtl's Pitot tubes (testo 435-3/-4) | | | | | |
| Pitot tube, 350 mm long |  | Operating temperature 0 to +600 °C | | | 0635 2145 |
| Pitot tube, 500 mm long | | | | | 0635 2045 |
| Pitot tube, 1000 mm long | | | | | 0635 2345 |

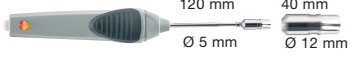
1) According to standard EN 60584-2, the accuracy of Class 2 refers to -40 to +1200 °C.


2) More temperature probes on the internet at www.testo.com


Radio probes

| Radio probes for immersion/penetration measurements | | | | | Part no. |
|--|-----------------|---|------------|------------------------------------|-----------|
| Radio immersion/penetration probe, NTC, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO; Radio freq. 869.85 MHz FSK | | | | | 0613 1001 |
| Radio immersion/penetration probe, NTC, approval for USA, CA, CL; Radio freq. 915.00 MHz FSK | | | | | 0613 1002 |
| Dimensions Probe shaft/probe shaft tip | Measuring range | Accuracy | Resolution | t ₉₉ | |
|  105 mm 30 mm Ø 5 mm Ø 3.4 mm | -50 to +275 °C | ±0.5 °C (-20 to +80 °C) ±0.8 °C (-50 to -20.1 °C) ±0.8 °C (+80.1 to +200 °C) ±1.5 °C (remaining range) | 0.1 °C | t ₉₉ (in water) 12 s | |

| Radio handles with probe head for air-/ immersion-penetration-meas. | | | | | Part no. |
|---|---|---|---|------------------------------------|-----------|
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO; Radio freq. 869.85 MHz FSK | | | | | 0554 0189 |
| T/C probe head for air/immersion/penetration measurement (T/C Type K) | | | | | 0602 0293 |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA, CA, CL; Radio freq. 915.00 MHz FSK | | | | | 0554 0191 |
| T/C probe head for air/immersion/penetration measurement (T/C Type K) | | | | | 0602 0293 |
| Dimensions Probe shaft/probe shaft tip | Measuring range | Accuracy | Resolution | t ₉₉ | |
|  100 mm 30 mm Ø 5 mm Ø 3,4 mm | -50 to +350 °C Short-term to +500 °C | Radio handle: ±(0.5 °C +0.3% of m.v.) (-40 to +500 °C) ±(0.7 °C +0.5% of m.v.) (remaining range) T/C probe head: Class 2 | 0.1 °C (-50 to +199.9 °C) 1.0 °C (remaining range) | t ₉₉ (in water) 10 s | |

| Radio handles with probe head for surface measurement | | | | | Part no. |
|---|---|---|---|-----------------|-----------|
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO; Radio freq. 869.85 MHz FSK | | | | | 0554 0189 |
| T/C probe head for surface measurement (T/C Type K) | | | | | 0602 0394 |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA, CA, CL; Radio freq. 915.00 MHz FSK | | | | | 0554 0191 |
| T/C probe head for surface measurement (T/C Type K) | | | | | 0602 0394 |
| Dimensions Probe shaft/probe shaft tip | Measuring range | Accuracy | Resolution | t ₉₉ | |
|  120 mm 40 mm Ø 5 mm Ø 12 mm | -50 to +350 °C Short-term to +500 °C | Radio handle: ±(0.5 °C +0.3% of m.v.) (-40 to +500 °C) ±(0.7 °C +0.5% of m.v.) (remaining range) T/C probe head: Class 2 | 0.1 °C (-50 to +199.9 °C) 1.0 °C (remaining range) | 5 s | |

| Radio probes incl. humidity probe head | | | | | Part no. |
|---|--------------------------------|-----------------------------------|-------------------|--|-----------|
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO; Radio freq. 869.85 MHz FSK | | | | | 0554 0189 |
| Humidity probe head | | | | | 0636 9736 |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA, CA, CL; Radio freq. 915.00 MHz FSK | | | | | 0554 0191 |
| Humidity probe head | | | | | 0636 9736 |
| Dimensions Probe shaft/probe shaft tip | Measuring range | Accuracy | Resolution | | |
|  | 0 to +100 %RH -20 to +70 °C | ±2 %RH (+2 to +98 %RH) ±0.3 °C | 0.1 %RH 0.1 °C | | |

| Radio handles for attachable T/C probes | | | | | Part no. |
|--|-----------------|---|---|--|-----------|
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO ; Radio freq. 869.85 MHz FSK | | | | | 0554 0189 |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA, CA, CL; Radio freq. 915.00 MHz FSK | | | | | 0554 0191 |
| Illustration | Measuring range | Accuracy | Resolution | | |
|  | -50 to +1000 °C | ±(0.7 °C +0.3% of m.v.) (-40 to +900 °C) ±(0.9 °C +0.5% of m.v.) (remaining range) | 0.1 °C (-50 to +199.9 °C) 1.0 °C (remaining range) | | |

Radio probes

| Radio module for upgrading measuring instrument with radio option | Part no. | |
|---|-----------|--|
| Radio module for measuring instrument, 869.85 MHz, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO | 0554 0188 | |
| Radio module for measuring instrument, 915.00 MHz FSK, approval for USA, CA, CL | 0554 0190 | |

Technical data Radio probes

Radio immersion/penetration probe, NTC

| | |
|--------------|--|
| Battery type | 2 x 3V button cell (CR 2032) |
| Battery life | 150 h (meas. rate 0.5 s) 2 months (meas. rate 10 s) |

Radio handle

| | |
|--------------|--|
| Battery type | 2 AAA micro batteries |
| Battery life | 215 h (meas. rate 0.5 s) 6 months (meas. rate 10 s) |

Common Technical Data

| | |
|-----------------------|-------------------------------------|
| Measuring rate | 0.5 s or 10 s, adjustable on handle |
| Radio coverage | Up to 20 m (without obstructions) |
| Radio transmission | Unidirectional |
| Operating temperature | -20 to +50 °C |
| Storage temperature | -40 to +70 °C |
| Protection class | IP54 |

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