

We measure it.



# Temperature measuring instrument

**Ex-Pt 720 – Highest security in areas with danger of explosion**

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Ideally suited to applications in areas with danger of explosion

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Very high accuracy

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Wide selection of probes

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Your customized probe at short notice

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Permits according to European and US norms

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Including carrying strap

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Ex-Pt 720 is a highly accurate measuring instrument for fast and exact temperature measurements in areas with danger of explosion up to Zone 0. The large measuring range and the precise four-wire technology make the Ex-Pt 720 the ideal measuring instrument for monitoring measurements.

The instrument is authorized according to European as well as US norms. A broad probe range already covers most applications, on request you can obtain your own customized probe at short notice.

The carrying strap and the simple and easy-to-read large display provide additional security on site.

[www.testo.co.uk](http://www.testo.co.uk)

## Technical data / Accessories

### Ex-Pt 720

Ex-Pt 720, temperature measuring instrument with holder strap, incl. battery and calibration protocol

Part no. 0560 7236



#### Sensor type Pt100

|                      |   |
|----------------------|---|
| Meas. range          | -50 to +400 °C  |
| Accuracy<br>±1 digit | ±0.2% of mv (+200 to +400 °C)<br>±0.2 °C (-50 to +199.9 °C) |
| Resolution           | 0.1 °C (-50 to +199.9 °C)<br>1 °C (+200 to +400 °C)         |

#### General technical data

|                  |                      |
|------------------|----------------------|
| Oper. temp.      | -10 to +50 °C        |
| Storage temp.    | -20 to +70 °C        |
| Battery type     | 9 V, IEC 6LR61       |
| Battery life     | 100 h                |
| Dimensions       | 190 x 57 x 42 mm     |
| Weight           | 200 g                |
| Material/Housing | Housing: ABS, coated |
| Other features   | °C/°F                |
| Warranty         | 2 years              |


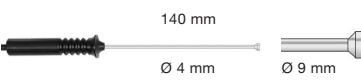
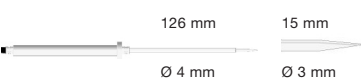

### Accessories

### Part no.

#### Accessories for measuring instrument

|   |           |  |
|---|-----------|--|
| Case for measuring instrument and probes  | 0516 0210 |  |
| Transport case for meas. instr. and probes (405 x 170 x 85 mm)  | 0516 0201 |  |
| Transport case for measuring instrument, 3 probes and accessories (430 x 310 x 85 mm)                                       | 0516 0200 |  |
| ISO calibration certificate/temperature<br>for air/immersion probes, calibration points -18°C; 0°C; +60°C                   | 0520 0001 |  |
| ISO calibration certificate/temperature<br>Meas. instr. with air/immersion probe; cal. points 0°C; +150°C; +300°C           | 0520 0021 |  |
| ISO calibration certificate/temperature<br>meas. instr. with air/immersion probe; calibration points 0°C; +300°C; +600°C    | 0520 0031 |  |
| DAkkS calibration certificate/temperature<br>meas. instr. with air/immersion probe; calibration points -20 °C; 0 °C; +60 °C | 0520 0211 |  |
| DAkkS calibration certificate/temperature<br>Meas. instr. with air/immersion probe; cal. points 0°C; +100°C; +200°C         | 0520 0221 |  |
| ISO calibration certificate/temperature<br>meas. instr. with surface probe; calibration points +60°C; +120°C; +180°C        | 0520 0071 |  |
| DAkkS calibration certificate/temperature<br>contact surface temperature probes; calibration points +100°C; +200°C; +300°C  | 0520 0271 |  |

# Probes

| Probe type  | Dimensions<br>Probe shaft/probe shaft tip   | Measuring<br>range | Accuracy  | t99  | Part no.  |
|---|---|--------------------|---|------|-----------|
| Robust, water-proof immersion/penetration probe for Zone 1 and 2, PUR cable, Fixed cable  |  <p>110 mm      30 mm<br/>Ø 4 mm      Ø 3.2 mm</p> | -50 to +400 °C     | Class A (-50 to +300 °C), Class B (remaining range) <sup>1)</sup> | 12 s | 0628 1232 |
| Robust, water-proof surface probe for Zone 1 and 2, with widened measuring tip for flat surfaces, PUR cable, Fixed cable  |  <p>140 mm      Ø 9 mm<br/>Ø 4 mm</p>              | -50 to +400 °C     | Class B <sup>1)</sup>   | 40 s | 0628 1932 |
| Robust immersion/penetration probe (IP 65) for Zone 0, 1 and 2, stainless steel, PUR cable can be used for up to +80°C, IP 54 plug-in connection, Fixed cable   |  <p>126 mm      15 mm<br/>Ø 4 mm      Ø 3 mm</p>   | -50 to +400 °C     | Class A (-50 to +300 °C), Class B (remaining range) <sup>1)</sup> | 10 s | 0628 2232 |
| Robust immersion probe (IP 67), for Zone 0, 1 and 2, stainless steel, FEP cable can be used at up to 205°C. Application: temperature measurement in petrol and oil tanks. Cable: 25 m long, Fixed cable |  <p>73 mm      Ø 15 mm</p>                        | -50 to +400 °C     | Class A (-50 to +300 °C), Class B (remaining range) <sup>1)</sup> | 15 s | 0628 2432 |

1) According to standard 60751, the accuracies of Class A and B refer to -200 to +600 °C (Pt100)

