

Be sure. **testo**



Technical Data - Thermator II

Testo Industrial Services - More assurance, better service.

Technical Data Thermator II

| Characteristics | Thermator II | |
|---|---|------------------------------|
| Temperature range* | -35...165 °C -25...150 °C (Surface) | |
| Setting range | -50...165 °C | |
| Control sensor (switchable) | External | External + Air Shield Insert |
| Hysteresis | ±0.025 °C | |
| Dry block (DB) | | |
| Display accuracy | ±0.2 °C | ±0.099 °C** |
| Stability | ±0.005 °C | ±<0.001...0.005 °C |
| Influence of load | | ±0.01 °C |
| Temperature distribution Axial Radial | | ±0.06 °C ±0.01 °C |
| Infrared (IR) | | |
| Display accuracy | ±0,5 °C | -/- |
| Stability | ±0,02 °C | -/- |
| Surface (SU) | | |
| Accuracy | ±1.0 °C | -/- |
| Stability | ±0.15 °C | -/- |
| Micro calibration bath (LI) | | |
| Display accuracy | ±0.137 °C** | |
| Stability | ±0.005 °C | |
| Influence of load | ±0.05 °C | |
| Temperature distribution Axial Radial | ±0.075 °C ±0.05 °C | -/- -/- |
| Stabilisation time | | |
| With ext. reference sensor to ±0.05 °C to ±0.005 °C | Typical 1 min Typical 5 min | |
| Display | | |
| Type • Size | Colour Touch screen • 7" | |
| Resolution | 0.1 / 0.01 / 0.001 °C / °F / K | |
| Unit | °C / °F / K | |
| Electrical characteristics | | |
| Electrical Supply | 100...240 VAC • 50/60 Hz / ~ 375 W | |
| PC interfaces | Ethernet, 3x USB | |
| Ambient conditions | | |
| Operating temperature | 0...50 °C | |
| Transport and storage temperature | -10...60 °C | |
| Humidity (RH) | < 80% to 31 °C, (non-condensing environment) | |
| Application area | tested according to EN 61326-1, class A (industrial sector) | |
| Housing | | |
| Width • Height + Handle • Depth | 210 • 380+50 • 300 mm | |
| Weight | ~ 13 kg | |

* At ambient temperature of 20 °C / 68 °F

** Extended measurement uncertainty according to DAkkS-DKD-R 5-4

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