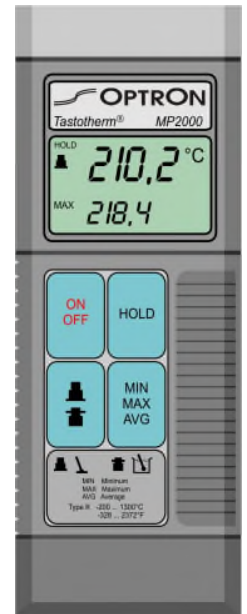


Digital thermometer MP 2000

Measuring range: -200°C ... +1300°C / -328 ... 2372°F
Resolution: -50°C to 399.9°C: 0.1K; 1K otherwise
Accuracy: for instrument's temperature of 15...30°C: 0.4K + 0.1% of the absolute value of the measured temperature in °C + 1 Digit; otherwise: 1K + 0.2% of the absolute value of the measured temperature in °C + 1 Digit
Repeatability: 0.3K + 1 Digit at constant instrument's temperature
Sample rate: display: 3 readings per sec.; interface RS232: 1 reading per second
Interface: RS 232C (4800bps)
Display: LCD 2x4 digits
Functions: HOLD, surface or immersion measurement, MIN-, MAX-, AVG-function, °C or °F
Plug-style: thermocouple mini-plug acc. to ISA-standard (Typ K)
Power supply: 9V battery, battery life approx. 70h (battery control: warning symbol in the display)
Operating temp.: 0 ... 50°C at housing
Dimensions: 180 x 70 x 28 mm (l x w x h)
Weight: approx. 270g incl. battery
Order number: 3740300



Accessories:

- PortaWin software incl. connection cable 3749810

Special probes for surface measurement

WO 1301 Cylinder probe up to 250°C; spring-clamped thermocouple for cylindrical objects, response time: 2s; spiral cabel: 1,5m
 WO 1301 3741080

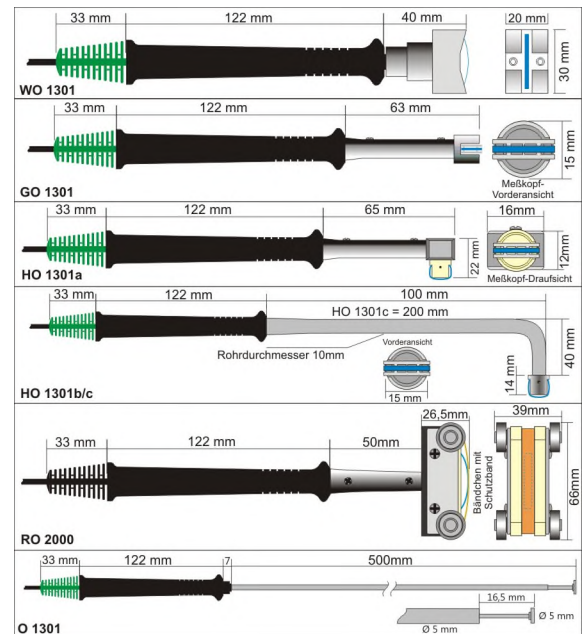
GO 1301 Fast response surface probe up to 500°C; response time: 1-2s; spiral cabel: 1,5m
 GO 1301 3741130

HO 1301m (a) Right angle fast response surface probe up to 300°C; response time: 1-2s; spiral cabel: 1,5m
 HO 1301a 3741140

HO 1301I (b) / c Right angle fast response surface probes up to 500°C; response time: 1-2s; spiral cabel: 1,5m; probe shaft 100mm
 HO 1301I (b) 3741090
 HO 1301c 6001004

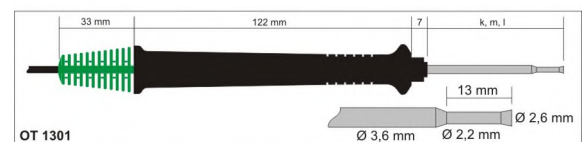
RO 2000 Roller surface probe up to 200°C, for running cylinders or sheets up to 200m/min; response time: 3.5s; cabel: 1,8m
 RO 2000 3741190

O 1301 Standard probe up to 1100°C (short time up to 1200°C). response time: 12s; spiral cabel: 1,5m
 O 1301 3741180

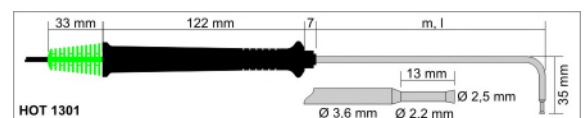


Probes for surface and immersion measurements in combination

OT 1301 1 probe = 2 functions
 Standard probes up to 600°C, for immersion short term up to 800°C; response time: 5s; spiral cabel: 1,5 m; available in 3 different lengths:
 OT 1301 k 60mm 3741020
 OT 1301 m 150mm 3741210
 OT 1301 l 250mm 3741010



HOT 1301 for measuring of places difficult to access; response time: 5s; spiral cabel: 1,5m
 HOT 1301 m 135mm 3741170
 HOT 1301 l 210mm 3741030



Special probes for immersion measurement only

Whether gaseous, liquid or plastic media → everytime the right probe for your application ! (Tolerance class 1 acc. To DIN IEC 584)
All probes with miniatur-thermocouple-connector (Type K; yellow).

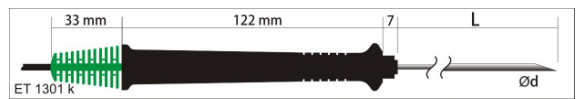
BT 1301 Flexible mineral insulated probe; Inconel sheath; very robust;
up to 1100°C (short time up to 1200°C); response time: 5s; spiral cabel: 1.5m
BT 1301 **3741040**



BT 1301d Extremely thin and fast, flexible mineral insulated probe;
Inconel sheath; up to 1100°C (short time up to 1200°C);
response time: 0.5s; spiral cabel: 1,5m
BT 1301d **3741050**



ET 1301k Puncture probe up to 600°C with slant tipped sheath
for measurement of plastic media; length: L=75mm;
diameter sheath: d=2 mm; response time: 3s; spiral cabel: 1,5m
ET 1301k **3741060**

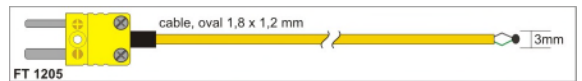


ET 1301 like ET 1301 k but with length: L=150mm;
diameter sheath: d=3 mm; response time: 3s; spiral cable 1,5m
ET 1301 **3741070**

BT 1000 economically d flexibel mineral insulated probe;
Inconel sheath; measuring range: -50 ... 1100°C; response time: 8s;
Cabel: 2m PVC with miniatur-thermocouple-connector
BT1000 **1301000**



FT 1205 Exposed thermocouple element, thermal wire teflon insulated
up to 200°C; cable: 2m thermal cable
(oval cable 1.8 x 1.2 mm; thermal cable diameter: 0,2mm)
FT 1205 **700208**



Accessories:

Miniatur thermoelement connector, type K (yellow), male	131065	
Miniatur thermoelement connector, type K (yellow), female	131070	
Extension cable, 5 m	3749420	
thermal wire glass fibre insulated, type K (NiCr-Ni) dimensions outer: 2x1mm oval / inner: 2x0,5mm ² , massive	131159	per meter