

## **Operating Instructions for Hand-held Measuring Instrument P300W** **(Kat.no. 31.1020)**



### **Commissioning**

Remove the protective film from the film keyboard. Open the battery compartment on the rear of the instrument and, if present, remove the battery circuit breaker strip. The instrument switches itself on and is immediately ready for operation after inserting the batteries.

### **Button (ON/OFF)**

The measuring instrument can be switched on and off with this button.

### **AUTO-OFF function**

The instrument switches itself off automatically after approx. 15 minutes if no button has been pressed during this time.

### **Button (°C/°F)**

This button is provided for switching-over the display between °C and °F. The currently active temperature units are retained even after switch-off.

### **Button (HOLD)**

The temperature reading currently shown in the display is frozen when the HOLD button is pressed. When the HOLD button is pressed again, the instrument returns to measuring mode and shows the actual temperature.

### **Button (MODE)**

When the MODE button is pressed for the first time, the maximum temperature value appears in the display. The corresponding minimum temperature value is displayed when this button is pressed again. On the third press of this button the instrument returns to normal display of the actual temperature values.

To cancel the MAX and MIN values, hold the MODE button pressed for about 3 seconds while in MAX or MIN mode. The display shows --. To show the actual temperature value again, press the MODE button once more.

**Display illumination**

Press the illumination button. The display is then illuminated for approx 5 seconds. Thereafter the illumination switches off automatically.

**Battery replacement**

Replace the batteries when the instrument displays meaningless values on pressing the buttons.

**Technical Data**

Measuring range  $-40^{\circ}\text{C}$  to  $200^{\circ}\text{C}$

Resolution 0,  $1^{\circ}\text{C}$  through the measuring range

Accuracy  $\pm 1^{\circ}\text{C}$  from  $-10^{\circ}\text{C}$  to  $100^{\circ}\text{C}$  otherwise  $\pm 2^{\circ}\text{C}$

Sensor NTC resistor

Permissible operating temperature range  $0^{\circ}\text{C}$  .  $+40^{\circ}\text{C}$

Operating voltage 2 size AA cells, 1,5V each

Battery life approx. 1 year (depending on total time in switched-on state and illumination)

Case dimensions approx. 130 x 70 x 25 mm (L x W x H)

Weight approx. 130 g