## Mini temperature measuring instruments

## Small and handy, big on measurement

## Universally applicable

Self-explanatory and robust
Ready for use at the press of a button


The mini and surface thermometers fit into any jacket pocket. They are small, convenient and always ready for use anywhere: whether in the food sector, the pharmaceutical industry or in the heating and ventilation
business. The great advantage is that the mini
thermometers record temeprature in the air as well as in soft or powdery substances and in liquids.

## The waterproof mini-thermometer Switch on, measure, finished

Waterproof
mini-thermometer
Waterproof mini thermometer, length 120 mm , up
to +230 ${ }^{\circ}$, with protective sleeve for probe shaft
incl. calibration protocol
Part no. 05601113

After use, for example in a temperature measurement on foods, the waterproof mini-thermometer can simply be cleaned under running water or in a dishwasher.

## Technical features:

- Waterproof, protection class IP67
- Measuring range from -20 to $+230{ }^{\circ} \mathrm{C}$
- Switch between ${ }^{\circ} \mathrm{C}$ and ${ }^{\circ} \mathrm{F}$ at the press of a button
- Battery charging level display
- MAX/MIN and HOLD button
- Easily exchangeable battery
- Probe shaft length 120 mm
- Protective sleeve as a holder


## Technical data

|  | Waterproof minithermometer | Standard mini penetration thermometer | Mini penetration thermometer with extended probe shaft | Mini surface thermometer |
| :---: | :---: | :---: | :---: | :---: |
| Measuring range | -20 to $+230{ }^{\circ} \mathrm{C}$ | -50 to $+150{ }^{\circ} \mathrm{C}$ | -50 to $+250{ }^{\circ} \mathrm{C}$ | -50 to $+300{ }^{\circ} \mathrm{C}$ |
|  | 120 mm | 133 mm | 213 mm | 120 mm |
| Accuracy $\pm 1$ digit | $\begin{aligned} & \pm 1^{\circ} \mathrm{C}\left(-20 \text { to }+53.9^{\circ} \mathrm{C}\right) \\ & \pm 0.8^{\circ} \mathrm{C}\left(+54 \text { to }+90^{\circ} \mathrm{C}\right) \\ & \pm 1^{\circ} \mathrm{C}\left(+90.1 \text { to }+180^{\circ} \mathrm{C}\right) \\ & \pm 1.5^{\circ} \mathrm{C}\left(+180.1 \text { to }+230^{\circ} \mathrm{C}\right) \end{aligned}$ | $\begin{aligned} & \pm 1^{\circ} \mathrm{C}\left(-10 \text { to }+99.9^{\circ} \mathrm{C}\right) \\ & \pm 2^{\circ} \mathrm{C}\left(-30 \text { to }-10.1^{\circ} \mathrm{C}\right) \\ & \pm 2 \% \text { of } \mathrm{m} . \mathrm{v} . \\ & \left(+100 \text { to }+150^{\circ} \mathrm{C}\right) \end{aligned}$ | $\begin{aligned} & \pm 1^{\circ} \mathrm{C}\left(-10 \text { to }+99.9^{\circ} \mathrm{C}\right) \\ & \pm 2 \% \text { of } \mathrm{m} \cdot \mathrm{v} . \\ & \left(+100 \text { to }+199.9^{\circ} \mathrm{C}\right) \\ & \pm 3 \% \text { of } \mathrm{m} \cdot \mathrm{v} \cdot(+200 \text { to }+250 \\ & \left.{ }^{\circ} \mathrm{C}\right) \end{aligned}$ | $\begin{aligned} & \pm 1^{\circ} \mathrm{C}\left(-30 \text { to }+250^{\circ} \mathrm{C}\right) \\ & \pm 2^{\circ} \mathrm{C} \text { (remaining range) } \end{aligned}$ |
| Resolution | $0.1^{\circ} \mathrm{C}\left(-19.9 \text { to }+199.9^{\circ} \mathrm{C}\right)$ <br> $1^{\circ} \mathrm{C}$ (remaining range) | $\begin{aligned} & 0.1^{\circ} \mathrm{C}\left(-19.9 \text { to }+150^{\circ} \mathrm{C}\right) \\ & 1^{\circ} \mathrm{C} \text { (remaining range) } \end{aligned}$ | $0.1^{\circ} \mathrm{C}\left(-19.9 \text { to }+199.9^{\circ} \mathrm{C}\right)$ <br> $1^{\circ} \mathrm{C}$ (remaining range) | $0.1^{\circ} \mathrm{C}\left(-19.9 \text { to }+199.9^{\circ} \mathrm{C}\right)$ <br> $1^{\circ} \mathrm{C}$ (remaining range) |
| Operating temperature | -10 to $+50^{\circ} \mathrm{C}$ |  |  |  |
| Battery type | Button cell LR44 |  |  |  |
| Display | LCD, 1 line |  |  |  |
| Warranty | 2 years |  |  |  |



For temperature spot-check measurements in food production


Dishwasher-safe


The protective sleeve with a clip holder. Always on you and ready to hand.


Simply rinse under running water when dirty.

## Your mini experts for every imaginable temperature measuring task

| Standard mini <br> penetration <br> thermometer | Mini penetration <br> thermometer with <br> extended probe shaft | Mini surface <br> thermometer |
| :--- | :--- | :--- |

## Common technical features

- Easily legible display
- Battery charging level indicator
- Fast, easy battery replacement
- Switch between ${ }^{\circ} \mathrm{C}$ and ${ }^{\circ} \mathrm{F}$ at the press of a button
- Protective sleeve as a holder


## Additional technical features

Standard mini penetration thermometer:

- Measuring range from -50 to $+150^{\circ} \mathrm{C}$
- Probe shaft length 133 mm


## Additional technical features

Mini penetration thermometer with extended probe shaft:

- Extended 213 mm probe shaft
- Measuring range from -50 to $+250^{\circ} \mathrm{C}$


## Mini surface thermometer

Mini surface thermometer up to $300^{\circ} \mathrm{C}$, length 120 mm , broad measurement tip, easily legible display, incl. batteries


## Additional technical features <br> Mini surface thermometer:

- Universally applicable for surface measurement
- Probe shaft length 120 mm
- Diameter of measurement tip 15 mm
- Measuring range from -50 to $+300^{\circ} \mathrm{C}$

