

There's always room for improvement: ebro Hand-held Measuring Instruments with new design and better handling

ebro Electronic, the measuring instrument specialist from Ingolstadt/Germany, is introducing a completely new generation of handheld measuring instruments. Particularly, the food processing industry appreciates ebro's robust, high-precision measuring instruments. The new, modern design with larger, excellently legible displays makes handling even easier.

For measuring temperature, ebro offers the high-resolution, waterproof and dishwasher-resistant precision thermometer TFX 410/420 (Pt 1000) with a measuring range from -50 to $+300^{\circ}\text{C}/400^{\circ}\text{C}$, for use in restaurants, kitchens, bakeries, butcheries, food laboratories and in the food industry.

The type K thermocouple thermometer TFN 520 (measuring range -200 to $+1200^{\circ}\text{C}$) and the 2-channel version TFN 530 are predestined for use in high-temperature processes in the industry and in laboratories. Over 100 different probes for all types of measuring tasks are available.

For applications where rapid measurement is required, ebro has developed the completely new, high-precision type T thermocouple-thermometer TFE 510 (measuring range -50 to $+300^{\circ}\text{C}$) with a measurement interval from min: 1 sec. / max: 15 sec.

The new hygrometers TFH 610 and TFH 620, with additional features „HOLD“, „dew point“ and MIN/MAX memory, and a measuring range from 0 to 100% rH and -20 to $+80^{\circ}\text{C}$ are ideal for measuring humidity and temperature in perishable food, as well as for use in laboratories and in storage.

For restaurants and caterers using deep fryers and for food inspectors, ebro has developed the FOM 310, a new instrument for determining the quality of deep-fry oil. The robust FOM 310 measures directly in hot oil and shows results for temperature/polar compounds within 10 s simultaneously, helping the user decide when to change the oil. Health risks due to spent oil are avoided and oil savings can be improved by at least 10%.

Photo caption: The ebro family of Handheld Measuring Instruments with new design

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