



The main parameter determining the result of humidity content in a tested sample is the drying temperature. Placing the control thermometer directly above the drying pan enables reading the temperature close to the one of the tested sample. Thus, the adjustment is carried out in actual thermal conditions occurring on a typical analysis. A moisture analyzer adjusted using the control thermometer GT105k-12/Z series operates precisely and with the highest accuracy.

The control thermometer is intended for checking whether the temperature on the drying chamber complies with the temperature value indicated on the moisture analyzer's display.

The GT105k-12/Z features fully waterproof housing protecting the device against moisture. The thermometer structure ensures conditions fully imitating the conditions present on the drying pan during a drying process of a sample.

Functions:

- Automatic switch off preventing accidental discharging of batteries.
- „HOLD” function (lock of displayed value).
- Power supply by batteries 3x1.5V (Lr44).
- CE marking.

Technical specification:

GT105k-12/Z

Resolution	between -70 ÷ 199.9 °C — 0.1 °C, above 199.9 °C — 1.0 °C
Measurement accuracy in relation to accuracy class of the probe	±0.9 °C for -70 ÷ 0 °C ±1.0 °C for 0 ÷ 100 °C ±1.5 °C for 100 ÷ 200 °C ±3.0 °C for 200 ÷ 400 °C
Weight	199 g
Dimensions	l = 120 mm, ø = 26 mm
Indicator-Thermometer cable length	900 mm
Continuous operation time	80 hours
Power supply	Batteries 3x1,5V LR44