i-Thermo G - Res. **0,1mg-0,001g-0,01g**

NEW

The new i-Thermo G are rugged instruments for moisture determination of raw materials and finished samples in the food, cosmetics, ceramics, agriculture and construction industry.

The Dot Matrix graphical display with backlite makes much easier and friendly using the instrument and gives easy and intuitive guidance through the operating process thanks also to his advanced software. On the display are shown all the parameters regarding the drying process and all the relative results, all viewable at once.

This instrument brings features such as one key pressing for starting automatically the last drying cycle memorized or the default one, possibility to print the drying session by interval time set by the user, automatic session starting just by closing the heater etc...

Drying readability are 0,001%, 0,01% and 0,1%. Possibility of calibrating the internal thermometer (with optional KIT).

Main features

- Electromagnetic force restoration weighing system (A64MG and 163MG)
- High readability load cell weighing system (163LG and 62LG)
- Halogen-infrared lamp
- Large Graphic display allows efficient and easy operations
- Date and time indication
- Multilanguage: EN-DE-FR-IT-ES-PT
- GLP/ISO record of last stored calibration data
- Two heating modes: standard and rapid
- Pre-heating on/off
- Time (1-99 min) and Autostop operating modes
- Temperature range: 35-160°C/1°C
- Moisture, dry residue in percentage and ATRO indications
- RS232 serial interface
- View and print the moisture analyzer and heater's last stored calibraion data
- Measuring unit g or mg
- Automatic starting of sessions by closing the heater
- Plastic protection cover

GRAPHIC

EM-FR | LC-HR | MEMO | CLOCK | LANG | RS 232 | UNITS

Model	Max (g)	Readability [d] (g)	Moisture Readability	Pan (mm)	Repeatability (g)	Linearity (g)	Precision (2g)	Response time (sec.)

External calibration

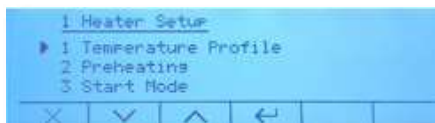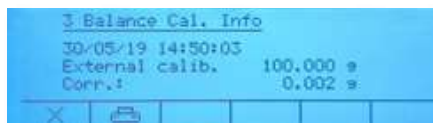| Model	Max (g)	Readability [d] (g)	Moisture Readability	Pan (mm)	Repeatability (g)	Linearity (g)	Precision (2g)	Response time (sec.)
i-Thermo GA64M	60	0,0001	0,001%	100mm Samples Pan	0,0001	± 0,0003	0,18%	≤ 3
i-Thermo G163M	160	0,001	0,01%	100mm Samples Pan	0,001	± 0,003	0,18%	≤ 3
i-Thermo G163L	160	0,001	0,01%	100mm Samples Pan	0,001	± 0,003	0,20%	≤ 4
i-Thermo G62L	60	0,01	0,1%	100mm Samples Pan	0,01	± 0,03	0,50%	≤ 3

Accessories
- Portable ioniser Ion-A15 (BL0371)
- Thermometer calibration KIT (STCi-02)
- Serial Printer TLP-50, with date/time (C054)
- Serial Printer DPP-250 (AC007)
- Serial to USB converter (E1002)
- Serial cable for output to printer/PC (E743)
- Test pans (Ø 100mm x 0,5mm) (A753)
- Fiber glass test pans Ø 90mm (AC026)
- Factory Calibration certificate (BL0333)

Technical data
- Span drift (+ 10...+ 30 °C): +/- 3ppm/°C [i-Thermo A64MG]; +/- 4ppm/°C [other models]
- Dimensions LxWxH (mm): 345x215x235
- Maximum dimension of container on the pan: 100mm (Ø) x 25mm (height)
- Power supply 110-230Vac, 50/60Hz; output 24V 1A 13VA [i-Thermo A64MG] ;output 9V 1,2A 10VA [other models]
- Heater: 230V AC 50/60Hz, 400Watt
- Net Weight: 6,1Kg (A64MG and 163MG)
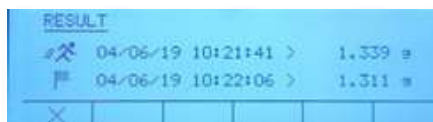- Net Weight: 4,7Kg (163LG and 62LG)

Easy set up of the heater parameters

Moisture analyzer calibration data overview

All the parameters all visible at once during drying session

Clear and detailed results view