

The 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 backlit makes much easier and friendly using the instrument.

The display shows 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.

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 (GA64M and G163M)
- User selectable environmental filter
- High readability load cell weighing system (G163L and G62L)
- Halogen 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
- Automatic starting of sessions by closing the heater
- Plastic protection cover

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 GA64M]; +/- 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 multi plug [i-Thermo GA64M]; output 9V 1,2A [other models]
- Heater: 230V AC 50/60Hz, 400Watt
- Net Weight: 6,1Kg (GA64M and G163M)
- Net Weight: 4,7Kg (G163L and G62L)

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



Model	Max (g)	Readability [d] (g)	Moisture readability	Moisture repeatability (g)	Pan (mm)	Drying temperature range	Response time (sec.)
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External calibration

i-Thermo GA64M	60	0,0001	0,001%	0,05% (2g sample) 0,01% (10g sample)	100mm Samples Pan	35~160°C	≤ 3
i-Thermo G200M	200	0,001	0,01%	0,05% (2g sample) 0,01% (10g sample)	100mm Samples Pan	35~160°C	≤ 3
i-Thermo G163L	160	0,001	0,01%	0,1% (2g sample) 0,05% (10g sample)	100mm Samples Pan	35~160°C	≤ 4
i-Thermo G62L	60	0,01	0,1%	0,1% (2g sample) 0,05% (10g sample)	100mm Samples Pan	35~160°C	≤ 3