

TECHNICAL SPECIFICATION

- Weighing Capacity 35g
- Repeatability (Std Dev) (g) 0.10% for 3g sample/ 0.03% for 10g sample
- Readability 0.01% / 0.001g
- Moisture Range 0.01% - 100%
- RS232 Interface
- Timer 1 – 120 minutes, 30 second increments to 60 minutes, 1 min increments from 60 – 120 min
- Infrared Halogen Heating
- Temperature range 50°C – 160°C in 5°C increments
- Electrical characteristics 100 – 120 VAC, 50/60 Hz or 220 – 240 VAC, 50/60 Hz
- LCD backlit display 128 x 64 pixel.
- Displays % moisture, time, temperature and weight
- 1 off re-usable Stainless Steel sample pan included as standard
- CE, CSA/UL and FCC approved

OPTIONAL ANCILLARIES

- Sample Pan Handler
- Security Cable
- Temperature Calibration Kit
- 20g ASTM Class 1 Calibration Weight
- Sample Pans (80/Box)
- Glass Fibre Pads (100/Box)
- Reusable Sample Pan (3/Box)
- Printer SF42-EU
- Printer SF42-GB
- Printer Cable
- Computer software

WEIGHTS & DIMENSIONS: MODEL MB35

Net Weight (kg)	4.6
Width (cm)	19
Depth (cm)	35
Height (cm)	15

MB35 ADVANCED MOISTURE ANALYSER

Designed to quickly, effectively and affordably measure moisture content, the **MB35** is the **Mid range Advanced model** offered within the Ray-Ran range of Moisture Analysers. Infrared Halogen heating with precision weighing technology gives a fast and accurate method for moisture content determination. The MB35 is perfect for applications in the pharmaceutical, chemical and research industries and is versatile and rugged enough for continuous operation in food and beverage, quality control, environmental and many other applications.



The MB35 features a maximum sample capacity of 35g with a readability of 0.001g and repeatability to 0.03% (10g sample). The Intuitive software of the MB35 uses a simple 3 key navigation process and a straightforward one step testing procedure. Accurate results are provided on the large 128 x 64 pixel backlit LCD screen at the end of the test as % moisture, actual weight (g), actual temperature and test time and can be printed to an optional thermal printer via the onboard RS232 serial interface or connected to a PC for use with optional dedicated software.

The MB35 Moisture Analyser is supplied as standard with Infrared halogen heating technology which begins the sample drying process in seconds. The uniquely designed gold reflective interior test area creates uniform distribution of heat to increase performance while decreasing test time with an operating temperature range from 50° to 160°C in 5° increments. The temperature settings are incrementally controlled by the software for test accuracy and the test area reaches full temperature within 1 minute. It has an easy to clean heating chamber which is operator friendly for routine, inexpensive maintenance

Manufactured to ISO 9001 quality assurance specifications the MB35 Moisture Analyser offers accuracy, repeatability and quality in a compact design.