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# Digital Infrared Moisture System

## Product Image

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## Description

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Digital Infrared Moisture System determines the moisture content of a wide range of materials by the dry-and-weigh method. In a significant improvement over heat lamps, it uses a unique I.R. RODs for faster heating. It has an in-built software that controls the rate of heating and does all the calculations that are relevant on wet basis or dry basis. Pharmaceutical and food industries, as also agricultural and research institutions will find

this to be an effective tool for faster analysis of moisture content in various products.

**Silent features:**

- Saves time and improves accuracy.
- I.R. RODs for deeply and evenly heats the sample.
- Precise heater temperature control.
- Automatic detection of dry-end point.
- Bright LED long life display.
- Displays useful parameters with the touch of a key.
- Helps study of drying pattern of the sample.
- Inbuilt Battery Backup.

**Technical Specifications:**

Measurement Method	:	Infrared radiation and detection of weight loss.
Heat source	:	Infrared Rods (400 watts).
Temperature Setting	:	Ambient to 2000C in 10 0 C steps.
Temperature Control	:	Platinum temperature sensor.
Accuracy	:	± 0.1%.
Sample Weight	:	5gm. To 100gm. (Optional upto 300gm)
Sensitivity	:	0.01gms.
Working Range	:	0.1% to 99.9%
End Analysis Modes	:	Time - Out 1 to 99.9min.
Result Readability	:	0.1%
Units of Results	:	Moisture in Percentage(dry and wet basis).
Printer	:	Optional.
Power requirements	:	230V ± 10% AC 50Hz. 400watts.
Standard Accessories	:	Al. Disposable pans, Tweezers, Main Leads, Instruction Manual.

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Digital Infrared Moisture System

**Catalog No. 101058**

## Disclaimer

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The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.