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**Product Name :**

Moisture Analyser

**Product Code :**

SLE/LI/22



**Website:** <https://www.scilabexport.com>, **Email:** [sales@scilabexport.com](mailto:sales@scilabexport.com)

1226/1-5, Bengali Mohalla, Science Market, Ambala Cantt. Harvana 133001, India



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## Description :

**Moisture Analyser** (Product Code: SLE/LI/22) is a benchtop weighing-and-drying instrument used to determine the moisture content of raw materials and finished samples in quality-control and teaching laboratories. Food, cosmetics and ceramics laboratories rely on it, as do agriculture and construction testing rooms, and it weighs samples of up to 160 g at 0.001 g resolution while a halogen-infrared lamp dries them. This moisture analyzer is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

## Specifications

| Parameter                           | Detail                                                                                                         |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Weighing capacity                   | 160 g                                                                                                          |
| Weighing resolution                 | 0.001 g (0.01%)                                                                                                |
| Repeatability                       | 0.002 (unit not stated in the listing; confirm with us)                                                        |
| Linearity                           | ± 0.003 g                                                                                                      |
| Pan diameter                        | 110 mm                                                                                                         |
| Display                             | LCD with backlight                                                                                             |
| Heat source                         | Halogen-infrared lamp                                                                                          |
| Temperature sensor                  | PT-100                                                                                                         |
| Drying temperature range            | 50 °C – 160 °C in 1 °C steps (the product summary also quotes 35 °C – 160 °C; confirm the lower limit with us) |
| Temperature compensation (2 points) | 80 °C – 150 °C                                                                                                 |
| Temperature slew rate               | 30 °C/min                                                                                                      |
| Moisture range / readability        | 0.00% – 100% / 0.01%                                                                                           |
| Dry residual range / readability    | 100.00% – 0.00% / 0.01%                                                                                        |
| ATRO display ranges                 | 0% – 999% and 100% – 999% (as listed)                                                                          |
| Moisture precision                  | 0.05% – 0.5% for sample weights of 2 g – 10 g                                                                  |
| Data interface                      | RS232                                                                                                          |
| Operating temperature               | 5 °C – 35 °C                                                                                                   |
| Product code                        | SLE/LI/22                                                                                                      |
| Supplied by                         | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India                                                 |

## What Is the Moisture Analyser Used For?

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