

New Type of High-speed Infrared Moisture Test Instrument Halogen Moisture Meter MS110

MS110 Halogen Moisture Meter is a new type of high-speed infrared moisture test instrument and can be used to measure the moisture of any material. (Except the substances which generate dangerous chemical reaction through heating) The instrument is designed in accordance with the thermogravimetric principle. While the instrument measures the weight of samples, infrared heating units and water evaporation channels dries samples rapidly too. In the drying process, instrument measures continually and displays immediately the lost moisture (%) of the samples in the process. When the drying is completed, the finally measured moisture is locked. Press the display button, data such as the moisture value, the starting value of the weight, the initial value and measuring time can be observed. Compared with the traditional oven heating method, infrared heating can achieve maximum heating power in the shortest possible time because that the samples are dried rapidly in high temperature can greatly accelerate the measurement time. The instrument is applicable to all the fields which need rapid moisture measurement such as medicine, grain, tobacco, chemicals, tea, foods, textiles, agriculture and forestry, etc. This instrument is able to communicate with computer. Measuring data of moisture can be printed out through the computer or directly by the printer matched.

Technical Specification

Measuring Accuracy of Moisture (%): 0.1 Amount of Samples ≥ 3 g

Measuring Ranges of Moisture (%): 0-100

Weight of Measurement Samples (g): 3-110

Maximum Weight (g): 110

Minimum Reading of Weight (g): 0.01

Readability of Moisture (%): 0.1

Temperature Indication Ranges ($^{\circ}$ C): Room Temperature -199

Display Parameter: 7 kinds

Power Supply: Voltage $220\text{ v} \pm 10\%$ Frequency $50\text{HZ} \pm 1\text{HZ}$

Temperature of the Working Environment: -5°C to 50°C

Relative Humidity: $\leq 80\%$ RH

Dimensions: 337mm x 215mm x 334mm

Net weight: 3.7kg