

Product Name :
Infrared Moisture Meter

Product Code :
NLAB-TESTINGLABM109024



Description :

Infrared Moisture Meter

Technical Specification :

This moisture meter has been designed for rapid and accurate determination of the moisture content of a wide variety of materials. It is torsion wire instruments, the torque being applied to one end of the wire by means of a calibrated drum to balance the loss of weight as the test sample dries under infrared radiation. The speed of drying (about 30 min) thus obtained, combined with the frictionless balancing system gives the result as accurate as those obtained by standard oven drying method. Since drying weighing are simultaneous, it is useful specially for determination of moisture in substances that quickly reabsorbs moisture after drying. The infrared radiation is controlled by a voltage regulator and thereby provided excellent heat control. The instrument is provided with an indicator lamp, which glows when the unit is switched on. The torsion balance has a built-in magnetic damper to reduce pan vibrations that enables quick weighing. The balance scale (drum) is divided in terms of moisture percentage on wet weight basis, which are read directly from it. Graduations are from 0 to 100% in 0.2 % divisions, but readings may be estimated to 0.1% moisture content. Suitable for operation on 220 V, 50Hz, Single phase, AC Supply.

Naugralabequipments

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