Electronic Wood Density Meter LWDM-A11

Electronic Wood Density Meter LWDM-A11 is robust and compact design device. It offers 0 .001 to 150 g weighing range and 10 seconds testing time. Designed with LCD display to observe density, volume, water absorption, porosity and Offers direct reading. It adopt non-absorbent wood products, density and volume of the products can be showed direct. It is used in Boiling method, vacuum saturation method and applied for testing the basic density, bulk , wet, apparent density, apparent porosity, water absorption, volume of open pores and closed pores, total porosity of wood For testing air-dried density of wood in laboratory and production environments.

Features :

❐ Designed with digital Screen LCD display to observe density, volume, water absorption and porosity

❐ Built-in temperature compensation function, ranges from 0 to 40^{0}C

❐ Offers easy to navigate user interface and intuitive operation

❐ Intelligent data processor can store measurement data (Optional)

❐ Robust components ensure a long device for lifetime and with space-saving design

❐ Equipped for non-absorbent wood products, density and volume of the products can be showed direct

❐ Designed with wax-sealing method for porous material

❐ Fast and precise testing

❐ Offers direct reading

❐ User-Friendly and safe operations

❐ It is used in laboratory and production environments

Application :

Electronic Wood Density Meter used for testing the basic density, bulk ,wet, apparent density, apparent porosity, water absorption, volume of open pores and closed pores, total porosity of wood for testing air-dried density of wood, the bulk density also used across wax-sealing method for non-absorbent wood products.

Specifications:

Model	LWDM-A11
Weighing range	0 .001 to 150 g
Minimum sample weight	5 g
Maximum weighing capacity	150 g
Water absorption and porosity	0.01 %
Density resolution	0.001g/cm^3
Built-in weighing sensor	German HBM
A cage for floating objects	Yes
Function of solution compensation	Yes
Either water or liquid can be used as medium	Yes
Rechargeable batteries	NA
Wind-proof outer cover	Yes
Standard interface	RS-232
Testing time	10 seconds
Temperature range	0 to 40^{0}C
Display	Digital Screen LCD Display
Dimension	195 × 210 × 185 mm
Packing dimension	395 × 195 × 330 mm
Power supply	AC 220 V, 50 Hz
Net weight	3.5 kg
Gross weight	4.5 kg