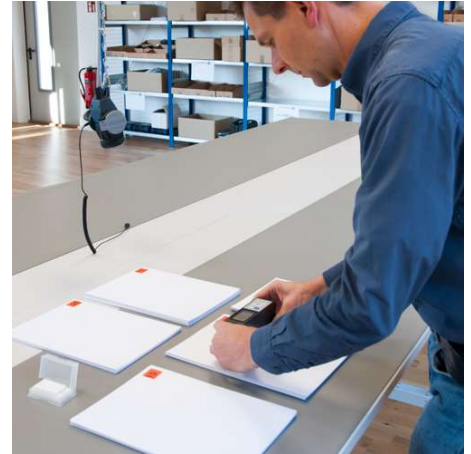# Whiteness Meter SEEDWNM 100

Whiteness Meter SEEDWNM 100

White meter / Measuring range up to 120 / LC display / Interface / Li-Ion battery

The SEEDWNM 100 whiteness meter is used to measure the whiteness of flat surfaces or powders. In particular, the whiteness meter can be used to measure the white of textile prints, dyes, building materials, cardboard and paper as well as plastics. It can also be used to measure all other surfaces. The whiteness measuring device consists of a light source and an optical measuring system, which measures the reflection of the light and thus determines the whiteness of the surface according to ISO R457 (ISO 2469).

The whiteness meter can be used directly after an initial calibration on the supplied white standard. A memory of up to 245 measurement data allows a logging of the measured values. The measuring device can be connected to the PC via the serial interface. This makes it possible to log live the measurement data from the whiteness meter.

▶ 457 nm LED lighting
▶ 45/0 measuring geometry
▶ For many surfaces and materials
▶ LC display
▶ Li-ion battery
▶ Serial interface

Subject to change

Seedex

Printing Products, Technology and Services from Italy

Specifications

Measuring range	0 … 120
Resolution	0.1
Offset drift	< 0.1
Repeatability	< 0.5
Measurement geometry	45/0
Light source	LED 457 nm
Calculation of the whiteness	ISO R457 (blue light whiteness)
Measurement area	18 x 11 mm
Power supply	Lithium ion battery
Operating conditions	0 … 40°C / 32 … 104°F; <85% rh
Weight	305 g / < 1 lb
Dimensions	140 x 45 x 75 mm / 5.5 x 1.8 x 3 in

Subject to change