

PAP-TECH ENGINEERS & ASSOCIATES



BRIGHTNESS, OPACITY AND COLOUR TESTER

(Technibrite Type) PAP-2061 – B

Reflectance Meter instrument measures brightness, opacity and other parameters by diffused reflectance according to relevant ISO standards. It gives out instantaneous digital read out, which shows yellowness, whiteness and colors values of pulp, paper, and paperboard, coating agents, filler and other similar materials according to International Standards.

Salient Features :

- **Tristimulus** colour values read directly on a digital read out without calibration between readings.
- **CLOSE CONFORMANCE** with the visual observation provided by precise filter selection.
- **FAST AND SIMPLE OPERATION.** Brightness, Opacity and other values maybe obtained simply by switching through the selection filters provided.
- **DESIGNED SPECIFICALLY** to meet pulp and paper industry standards.



TECHNICAL - SPECIFICATION

Specimen Area Measured :	30 mm dia
Light Source :	Quartz Tungsten Halogen Lamps
Flashes per measurement :	4.0
Lamp Life (No. of measurements) :	5,00,000
Geometry :	Dual Beam / CIE 2°
Photometric Non-Linearity :	0.1%
Measurement Time :	4 seconds
Illuminator :	C Type
Colour Scales :	X, Y, Z; R(X), R(Y), R(Z), ; LUM. x, y, z
Whiteness :	ASTM / CIE
Yellowness :	ASTM
Display :	4 line Character LCD Green
Power :	200 Wt, 220 V 50 c/s

APPLICATION STANDARDS

TAPPI, ASTM, ISI, ISO

OPTION

Powder Press for tablet preparation to measure the brightness and other value of powdered material. Fluorescence Measurement Attachment.