



PAP-TECH ENGINEERS & ASSOCIATES

PAP-TECH BRIGHTNESS TESTER

ISO TYPE

PAP-2061 – C (Microprocessor Based)

The instrument measures brightness, opacity and other parameters by diffused reflectance according to relevant ISO standards. It is **Microprocessor** based and gives out instantaneous digital read printout, that shows the worked out details such as CIE Tristimulus values, yellowness, whiteness and colors values of pulp, paper, paperboard, coating agents, filler and other similar materials according to International Standards. It includes built-in Printer and different ranges of measurement routine.

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 may be 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

APPLICATION STANDARDS

TAPPI, ASTM, ISI, ISO

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

OPTION

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