

When quality matters Technidyne is there

TAPPI
brightness
45/0

The TEST/Plus™ product line brings standardized testing to the market in an affordable and cost competitive design. Providing you control of what you test and how you test it, while enhancing your quality programs capabilities.

The Technidyne TEST/Plus™ TAPPI Brightness combines industry standardized measurement technology with an innovative control package that allows the user to tailor build their testing and evaluation capabilities. This new addition to the TEST/Plus™ product line is built to meet your TAPPI Brightness testing needs;

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TEST/Plus™ TAPPI Brightness

- Measurements in seconds
- Conforms to TAPPI Official Test Method T452
- Adaptive Interface Technology
- Fluorescence measurement option
- Easy-To-Use Operator Interface



TEST/PLUS™

At the core of the TEST/Plus™ TAPPI Brightness are a series of specially developed APPS that allow for complete control of your data and how you interface with the instrument and your operation.

Print App

- for hard copy of the data

Averaging and Statistics App

- for statistical analysis

Export App

- for getting the data to the DCS

Database App

- for managing data on the instrument



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TEST/PLUS™

TAPPI Brightness

Adaptive Interface Technology

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Specifications and Technical Data

TEST/Plus TAPPI Brightness and Fluorescence Specifications

Parameter	Specification	Parameter	Specification
Industry Standardization		Light Source	Quartz Tungsten Halogen
Paper, Tissue & Board	TAPPI Official Test Method T452	Fluorescence Measurement	Optional UV excluded measurement
Measurement Range	0 - 100 on TAPPI Brightness Scale	Measurement Time	< 2 seconds
Measurement Units	TAPPI Brightness	Data Communications	Wifi, Ethernet, USB
Measurement Accuracy	± 0.3 %	Optional Operational APPs	Averaging and Statistics Print Data Export Database
Geometry	45° illumination / 0° Viewing	Operating Temperature	10-32 degrees Celsius
Directional Measurement Geometry	TAPPI Official Test Method T452	Depth	20" / 50.8 cm
Sample Aperture Diameter / Sample Area of View Diameter	11 mm / 9 mm	Width	10" / 25.4 cm
Spectral Match Bandwidth	± 0.5 nm	Height	16" / 38 cm
Calibration Standards	Traceable to TAPPI T452	Power Consumption	170 watt max / 80 watts passive
Accuracy to TAPPI Method	± 0.3 %	Voltage / Frequency	100 - 230 VAC / 48-61
Repeatability	0.03 Brightness Units (20 Measurements on white tile)	USB Port	1
Reproducibility	± 0.3 Brightness Units	Foot Switch Measurement	Optional

Optimizing your processes is the goal of any manufacturing environment. The Technidyne TEST/Plus™ TAPPI Brightness provides a tool for the effective evaluation of your processes. Once accurate evaluations are established, then process control parameters can be set. The TEST/Plus™ TAPPI Brightness can be counted on to be that repeatable evaluation tool to help you optimize your system. When the process has to be right, you need the right tools. With the TEST/Plus™ TAPPI Brightness you can make it right the first time.



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