

# 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





# TEST/PLUS™

## TAPPI Brightness

Adaptive Interface Technology

TAPPI  
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Specifications and Technical Data

### TEST/Plus TAPPI Brightness and Fluorescence Specifications

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