TECHNIDYNE

TAPPI Brightness Test System

TEST/Plus® TAPPI Brightness

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.

INDUSTRIAL PHYSICS

Protecting
Product Integrity

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.

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

Correlation Factor APP

- for correlating measurement results to legacy instruments or tests

Features

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

Contact Details

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IP INDUSTRIAL PHYSICS

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Technical Specification

Industry Standardization

Paper, Tissue & Board	TAPPI Official Test Method T452
Geometry	45º illumination/ 0º Viewing
Sample Aperture Diameter / Sample Area of View Diameter	11mm / 9mm
Calibration	Traceable to NRC
Measurement Units	TAPPI Brightness
Measurement Range	0 - 100 on TAPPI Brightness Scale
Measurement Accuracy	± 0.3%
Repeatability	0.03 Brightness Units (20 Measurements on white tile)
Reproducibility	± 0.3 Brightness Units
Spectral Match Bandwidth	± 0.5nm
Light Source	Quartz Tungsten Halogen
Fluorescence Measurement	Optional UV excluded measurement

Operational Apps

Optional Operational APPs	Averaging and Statistics Print Data Export Database Correlation

Optional Hardware

Bluetooth Printer	Shareable with up to 5 TEST/Plus® Instruments (requires Print APP)
Footswitch	Provides Hands-Free Measurement Intialization
Measurement Time	< 2 seconds
Data Communications/Ports	Wifi, Ethernet, USB port (1)
Recommended Operating Temperature	10-32° Celsius (50-90° F)
Power Consumption	170 watt max / 80 watts passive
Voltage / Frequency	100 - 230VAC / 48-61

Dimensions

Depth	49.5cm (19.5 in.)
Width	27.3cm (10.75 in.)
Height	43.2cm (17 in.)
Weight	15.4 kg (34 lbs)
Country of Origin	U.S.A.

Contact Details

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