



TAPPI Opacity Test System

TEST/Plus® TAPPI Opacity

The Technidyne TEST/Plus® TAPPI Opacity 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 opacity testing needs.

Optimizing your processes is the goal of any manufacturing environment

The Technidyne TEST/Plus® TAPPI Opacity 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 Opacity 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 Opacity you can make it right the first time.

At the core of the TEST/Plus® TAPPI Opacity 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

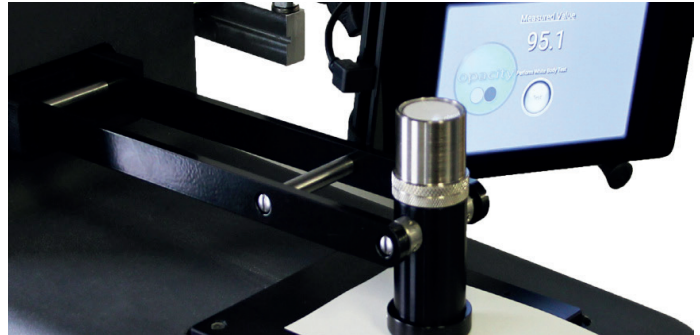
- for managing data on the instrument

Correlation Factor APP

- for correlating measurement results to legacy instruments or tests

Scattering and Absorption APP

- for calculating scattering and absorption data (Kubelka-Munk)



Features

- Measurements in seconds
- Conforms to industry standards
- Adaptive Interface Technology
- Convenient backing selection
- Continuous mode operation
- CE certified for compliance with European safety and regulatory standards

Technical Specification

Industry Standardization

Paper, Tissue & Board	TAPPI T425, ASTM D589
Geometry	15° illumination/ diffuse viewing
Sample Aperture Diam. / Sample Area of View Diam.	15.9mm / 9.5mm
Effective Wavelength	572 nm
Spectral Response	CIE YA Function
Calibration	Traceable to Technidyne/ NIST
Measurement Units	% Opaque
Measurement Range	0 - 100% on TAPPI Opacity Scale
Measurement Accuracy	± 0.3%
Repeatability	± 0.1%
Reproducibility	± 0.3%
Spectral Match Bandwidth	± 0.5nm
Light Source	Quartz Tungsten Halogen

Operational Apps

Optional Operational APPs	Averaging and Statistics Print Data Export Database Correlation Scattering and Absorbtion
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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 Temp.	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	12.2 kg (27 lbs)
Country of Origin	U.S.A.

Contact Details

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