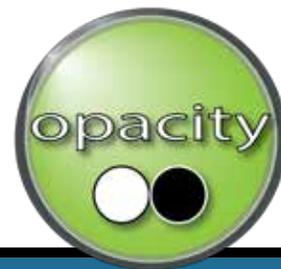


When quality matters

Technidyne is there



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 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;

When quality matters, Technidyne is there.



TEST/Plus™ Opacity

- Measurements in seconds
- Conforms to industry standards
- Adaptive Interface Technology
- Convenient backing selection
- Continuous mode operation

TEST/PLUS™

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

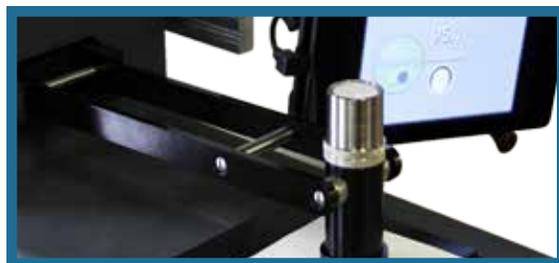
- for statistical analysis

Export App

- for getting the data to the DCS

Database App

- for managing data on the instrument



TEST/PLUS™ opacity



Adaptive Interface Technology

opacity

Specifications and Technical Data



TEST/Plus TAPPI Opacity Specifications

Parameter	Specification	Parameter	Specification
Industry Standardization		Light Source	Quartz Tungsten Halogen
Paper & Packaging	TAPPI T 425, ASTM D589	Measurement Time	< 2 seconds
Measurement Range	0 - 100 % on TAPPI Opacity Scale	Data Communications	Wifi, Ethernet, USB
Measurement Units	% Opaque	Optional Operational APPs	Averaging and Statistics Print Data Export Database
Effective Wavelength	572 nm	Operating Temperature	10-32 degrees Celsius
Spectral Response	CIE Y _A function		
Geometry	15° illumination / diffuse viewing	Depth	20" / 50.8 cm
Sample Aperture Diameter / Sample Area of View Diameter	15.9 mm / 9.5 mm	Width	10" / 25.4 cm
Spectral Match Bandwidth	± 0.5 nm	Height	16" / 38 cm
Calibration Standards	Traceable to Technidyne /NBS calibration standards	Power Consumption	170 watt max / 80 watts passive
Accuracy to TAPPI Method	± 0.3 %	Voltage / Frequency	100 - 230 VAC / 48-61
Repeatability	± 0.1 %	USB Port	1
Reproducibility	± 0.3 %	Foot Switch Measurement	Optional

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.



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