



Paper Gloss Test System

TEST/Plus® Gloss

The Technidyne TEST/Plus® Gloss 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 Gloss testing needs.

Optimizing your processes is the goal of any manufacturing environment

The Technidyne TEST/Plus® ISO Gloss 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® Gloss 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® ISO Gloss you can make it right the first time.

At the core of the TEST/Plus® Gloss 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
- Configured to measure 75° gloss or 20° gloss
- Adaptive Interface Technology
- Continuous mode operation for sample testing
- Easy-To-Use Operator Interface

Contact Details

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Technical Specification

Industry Standardization

Choose appropriate angle

Paper, Tissue & Board	TAPPI T480 / ISO 8254-1 - 75° TAPPI T653 / ISO 8254-3 - 20°
Geometry (must select desired angle)	75° illumination / 75° view or 20° illumination / 20° view
Sample Aperture Diam.	34.9mm x 25.4mm
Sample Area of View Diam.	19.3mm x 10mm
Effective Wavelength	572 nm
Calibration	Traceable to Technidyne/ NRC Stds
Measurement Units	% Gloss
Measurement Range	0 - 100% on TAPPI Gloss Scale
Measurement Accuracy	± 0.3%
Repeatability	± 0.1%
Reproducibility	± 0.5%
Spectral Match Bandwidth	± 0.5nm
Light Source	Quartz Tungsten Halogen

Operational Apps

Optional Operational APPs	Averaging and Statistics Data Export Database Print Correlation
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Optional Hardware

Bluetooth Printer	Shareable with up to 5 TEST/Plus® Instruments (requires Print APP)
Footswitch	Provides Hands-Free Measurement Initialization
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	35.6 cm (14 in.)
Width	27.9 cm (11 in.)
Height	43.2 cm (17 in.)
Weight	11.3 kg (25 lbs)
Country of Origin	U.S.A.

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