TECHNIDYNE

ISO brightness d/0

ISO Brightness Test System

TEST/Plus® ISO Brightness

The Technidyne TEST/Plus® ISO 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 ISO Brightness testing needs.

INDUSTRIAL PHYSICS

Protecting Product Integrity

Optimizing your processes is the goal of any manufacturing environment

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

At the core of the TEST/Plus® ISO 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 ISO Standards 2469 and 2470**
- **Adaptive Interface Technology**
- **Fluorescence measurement option**
- **Adjustable UV source**
- **Easy-To-Use Operator Interface**

Contact Details

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INDUSTRIAL PHYSICS

TECHNIDYNE

Technical Specification

Industry Standardization

Paper, Tissue & Board	ISO 2469, 2470, 12625-15/7, TAPPI T525, T 534
Geometry	Dual Beam, d/0
Specimen Area Measured **Specimen Aperture**	28+/- 3mm 34+/- 0.5mm
Calibration	Traceable to NRC
Measurement Units	ISO Brightness
Measurement Range	ISO 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 and LED (UV)

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	35.6 cm (14 in.)
Width	27.9 cm (11 in.)
Height	43.2 cm (17 in.)
Weight	13.6 kg (30 lbs)

Country of Origin	U.S.A.

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