

# 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™ 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;

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## TEST/Plus™ ISO Brightness

- Measurements in seconds
- Conforms to ISO Standards 2469 and 2470
- Adaptive Interface Technology
- Fluorescence measurement option
- Adjustable UV source
- Easy-To-Use Operator Interface

## TEST/PLUS™

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





# TEST/PLUS™

## ISO Brightness

Adaptive Interface Technology



Specifications and Technical Data

### TEST/Plus ISO Brightness and Fluorescence Specifications

Parameter	Specification	Parameter	Specification
<b>Industry Standardization</b>		<b>Light Source</b>	Quartz Tungsten Halogen, UV LED
<b>Paper, Tissue &amp; Board</b>	ISO 2469, 2470, 12625-15/7, TAPPI T525, T 534, SCAN P3	<b>Fluorescence Measurement</b>	Optional UV excluded measurement
<b>Measurement Range</b>	0 - 100 on ISO Brightness Scale	<b>Measurement Time</b>	< 2 seconds
<b>Measurement Units</b>	ISO Brightness	<b>Data Communications</b>	Wifi, Ethernet, USB
<b>Measurement Accuracy</b>	± 0.3 %	<b>Optional Operational APPs</b>	Averaging and Statistics Print Data Export Database
<b>Geometry</b>	Dual Beam, d/0	<b>Operating Temperature</b>	10-32 degrees Celsius
<b>Integrating Sphere Geometry</b>	150 mm	<b>Depth</b>	14" / 35.6 cm
<b>Sample Aperture Diameter / Sample Area of View Diameter</b>	34 mm / 30 mm	<b>Width</b>	9" / 23 cm
<b>Spectral Match Bandwidth</b>	± 0.5 nm	<b>Height</b>	19" / 38 cm
<b>Calibration Standards</b>	Traceable to ISO IR1 calibration standards	<b>Power Consumption</b>	170 watt max / 80 watts passive
<b>Accuracy to ISO Standard</b>	± 0.3 %	<b>Voltage / Frequency</b>	100 - 230 VAC / 48-61
<b>Repeatability</b>	0.03 Brightness Units (20 Measurements on white tile)	<b>USB Port</b>	1
<b>Reproducibility</b>	± 0.3 Brightness Units	<b>Foot Switch Measurement</b>	Optional

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.



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