

When quality matters Technidyne is there



MICRO S5

BRIGHTNESS & COLOR

The only optical instrument that can provide exact conformance to the TAPPI methods for directional Brightness and Color

If you have a need to measure:

- TAPPI Brightness
- TAPPI Color
- Whiteness
- Fluorescence

then the Technidyne Micro S5 is the instrument for your testing needs. Unique in the marketplace, the Micro S5 stands alone in its capabilities to meet your TAPPI testing requirements. Proven over time to be the instrument of choice for adherence to paper industry standardization.

PROCESS CONTROL

Effectively controlling pulping and paper machine processes is never an easy task. To control and manage these processes, good data is required. The Technidyne Micro S5 is a dependable process control tool that can be counted on to meet your process demands and provide good data.

COST SAVINGS

Saving money can be accomplished many different ways, but one of the most effective ways is to make it right the first time. Culled and downgraded product cuts into profits and machine time. The Micro S5 can be a critical process control tool to reduce this waste.

PRODUCTIVE SOLUTIONS

Robust and ready to meet the demands of challenging environments. Technidyne's Micro S5 will provide your operations with a productive evaluation tool you can count on.

Micro S5

- Measurements in seconds
- Conforms to industry standards
- Multi-function measurement routines
- Easy-To-Use Operator Interface



OPTICAL DESIGN 45°/0°



TECHNIDYNE

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Micro S5 Technical Specifications

At the core of the Micro S5 is standardization. For any operation to run efficiently, repeatable and reproducible data is required. With the Micro S5 you can be confident that each measurement function has been designed with the attention to detail required to provide you with the confidence in your data. The 45° illumination and 0° viewing optical design has been time tested via the TAPPI method and is the workhorse of these methods. The Micro S5 is designed to meet:

- TAPPI T452 for Brightness
- TAPPI T524 and T527 for Color & Color Difference

In addition to these, the Micro S5 provides fluorescent component values for OBA control.



Industry Standardization	TAPPI T452 Brightness
	TAPPI T524 & T527 Color
Optical Geometry	45°/0°
Specimen Opening	Circular 12.7 mm dia
Measurement Area	Circular 9.5 mm dia
Effective wavenlength	457 nm Brightness
Spectral Response	CIE C/2°
Lamp Rating	2000 hours
Repeatability	±0.1%
Reproducibility	±0.3%
Weight	65 lbs.
Voltage/Frequency	100-250 VAC/48-61 Hz



calibration standards available via
www.calstandards.com

Optimizing your processes is the goal of any manufacturing environment. The Technidyne Micro S5 provides a tool for the effective evaluation of your processes. Once accurate evaluations are established, then process control parameters can be set. The Technidyne Micro S5 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 Technidyne Micro S5 you can make it right the first time.

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