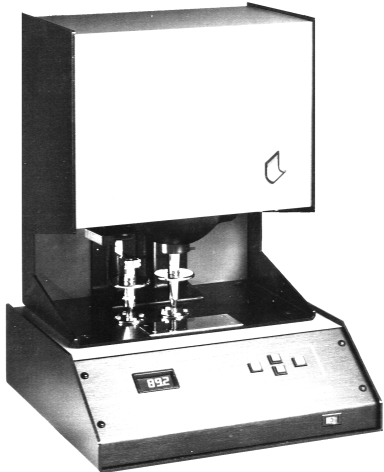


# Technibrite TB-1

## ECONOMICAL AND EASY-TO-USE ISO BRIGHTNESS TESTER.

**This no-nonsense testing instrument is the industry's leader for measuring and controlling ISO brightness.**



The Model TB-1 is an economical and easy to use ISO Brightness Tester which has proven its reliability through many years of successful use in the harsh environment of pulp, paper and clay mills. The TB-1 makes no compromise in its adherence to industry standards for the measurement of diffuse brightness.

With the TB-1 you can obtain highly accurate and reliable brightness readings without having to pay for additional features which may be unnecessary.

### STANDARDIZATION

Technidyne specializes in manufacturing instrumentation for the pulp, paper and allied industries. The TB-1 is designed and manufactured in exact compliance with ISO standards. Each TB-1 comes with the guarantee that the instrument meets the appropriate ISO standard. The TB-1 meets:

- ◆ ISO STANDARD 2469 Diffuse Reflectance Factor

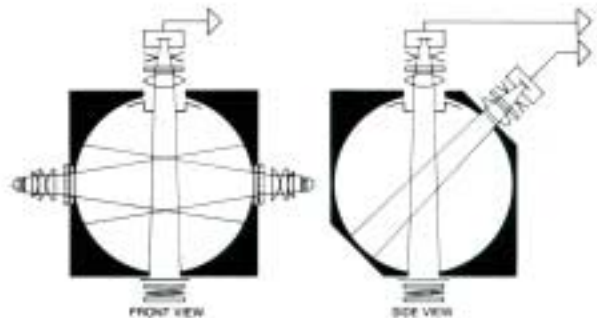
- ◆ ISO STANDARD 2470 Brightness, Paper & Board

### KEY FEATURES

- ✓ Automatic Push-Button Calibration – Calibration Values are Stored in Non-Volatile Memory
- ✓ Dual Beam Optics Eliminate Drift Due to Voltage and Temperature Changes
- ✓ Precise Filtering Assures Agreement Between Instruments
- ✓ Swing-In Standard Provides Fast Calibration
- ✓ Digital Readout – Instantaneous Data Display
- ✓ Robust Construction Equipped for use in Harsh Environments
- ✓ RS232 Serial Output for Computer Interfacing
- ✓ BCD Parallel Output for Printer Interfacing

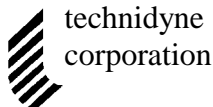
### OPTIONS

AP-1 Printer – Automatic Averaging



### Specifications:

|   |        |
|---|--------|
| Integrating Sphere Diameter.....          | 150 mm |
| Sample Aperture Diameter .....            | 34 mm  |
| Sample Area of View Diameter.....         | 30 mm  |
| Spectral Match Bandwidth .....            | ±0.5nm |
| Spectral Match Dominant Wavelength .....  | ±0.5nm |
| Accuracy to ISO Standards .....           | ±0.3%  |
| Maximum Photometric Linearity Error ..... | 0.1%   |



technidyne  
corporation

*A Spectrum of  
Solutions*

# TB-1