

## AGTRON M-45 SPECIFICATIONS

Wavelength Values: 436nm, 550nm, 589nm, 640nm, (user selectable)

Wavelength Selection: Mechanical Indexing

Illuminant: High Voltage Doped Gas, Specific Wavelength Emission

Illumination Geometry: Coaxial / Diffused

Measurement Geometry: Incident to Measurement Field

Measurement Field: 14.8 sq.in., Circular

Filter Type: 3 Cavity Notch

Detector: Ultra-Linear Photodiode, Current Mode Operation

Wavelength On-Frequency Accuracy: Better than  $\pm 1.0\text{nm}$

Selected Frequency Bandwidth:  $9\text{nm} \pm 0.5\text{nm}$

Resolution: 1 part in 500 (0.2%)

Dynamic Reflectance Range: 0.0% to 100.0% Relative,  
1.5 % to 99.7% Absolute

Dynamic Linearity:  $\pm 0.2\%$

Display: 7 Segment LED, 4 Digit

Calibration Standards: UV Stabilized Plastic, Spectrally Neutral

Amplification: Low Noise, Ultra-Linear Solid State

High Voltage Power Supply: Ferro-Resonant Constant Voltage

Low Voltage Power Supply: Isolated Solid State, Regulated

Power Requirements: Available in 100, 120, 220, 240, Volt;

50/60HZ, 100 Watts

Dimensions: 13.25" Wide, 21.5" Long, 10.25" High

Weight: 50 Pounds