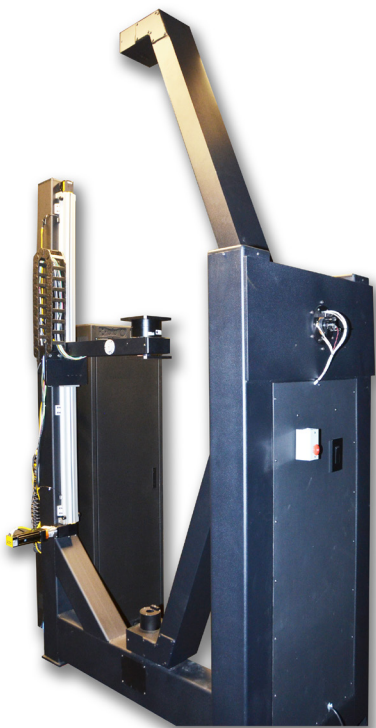


Type C Moving Detector Goniometer - Compact Design

Ideal for measuring replacement lamps & luminaires with an illuminated area of less than 8" (210 mm) in diameter



Measures all parameters necessary for R&D confirmation, production use, quality control, and standards confirmation

Value

Full benefits of C-type photometry in a smaller package than regular mirror-based goniometers

Powerful interface for engineering confirmation yet easily operated by non-technical operators

Fully automated data collection reported out on IES, text or Microsoft Excel formats

Specifications

Machine Dimensions:

355 cm x 223 cm x 336 cm (140" x 88" x 133")

Control Rack Dimensions:

55 cm x 63 cm x 188 cm (22" x 25" x 74")

Recommended Room Size: ~3 m x 4 m x 3 m (10' x 13' x 10')

Electrical Input: 120 VAC 15A (2 circuits required)

Rotational Accuracy: <math><0.01^\circ</math>

Photometric Accuracy:

0.01 cd (0.2% + 5% range)

12-16 bit f' <math><3\%</math> (v' <math><0.5\%</math> available) 0.01 cd

Mechanical Accuracy: +/-1 mm

Speed: Up to 5 RPM

Maximum Luminaire Size:

210 mm (8") lit diameter,

305 mm x 305 mm (12" x 12")

Options

Color Uniformity

Selectable Points Measurements

Relative Photometry

Detector Spectral Correction

NIST Traceable Power Measurement

NIST Traceable Calibration Sources

Thermal Couple Integration

Thermal Logging

Remote Monitoring and Control

DC Power Supply 500 W

AC Power Supply 1200 W

