





LT400

Profiling Belt Radiometer

Advanced technology delivers the highest performance and lowest cost belt radiometer on the market.

The ILT400 profiling belt radiometer combines the allin-one exposure, intensity and profile capability first introduced in the IL393 with new solid-state detector and ultra-stable amplifier technology to give lower noise, greater speed and higher accuracy at a price below any precision belt radiometer sold today. Add rechargability and the entire filter suite of the IL390/393 line and the result is clear:

Nothing comes close to the ILT400.

SPECIFICATIONS

Dose Range: 1 mJ - 20 J/cm²

Temperature Range: 10° – 50° C (case temperature)

Irradiance Range: 10 mW/cm² – 20 W/cm²

Accuracy: Typically better than 6% Cosine Receptor: Integrating sphere

Display: 4 significant digits

Display Graphics: Resolves 5% of full scale (peak irradiance)

Size: 12.7 x 111 x 161 mm (0.5" x 4.4" x 6.3")

FEATURES & BENEFITS

- Visible-blind solid state detector
- Ultra-stable amplifier
- Rechargeable (charger included)
- Integrated exposure
- Peak Irradiance
- Intensity profiling with auto-scale
- Baseline profile memory
- Current Baseline % Difference

SPECTRAL RESPONSE





NIST Traceable Light Measurement Systems

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