



## ILT400

### Profiling Belt Radiometer

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

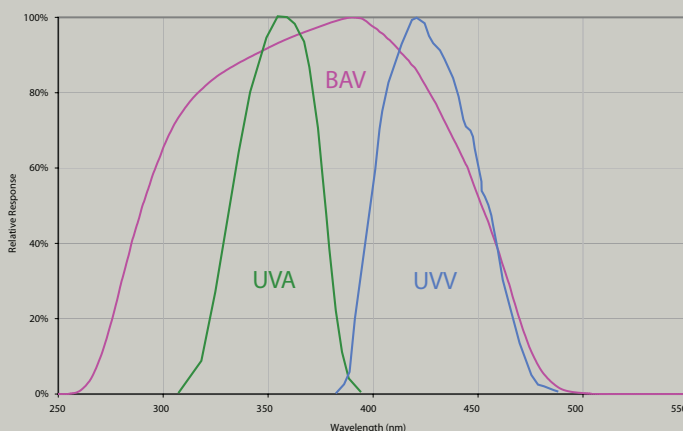
The ILT400 profiling belt radiometer combines the all-in-one exposure, intensity and profile capability first introduced in the IL393 with new solid-state detector and ultra-stable amplifier technology to give lower noise, greater speed and higher accuracy at a price below any precision belt radiometer 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/cm<sup>2</sup>  
**Temperature Range:** 10° – 50° C (case temperature)  
**Irradiance Range:** 10 mW/cm<sup>2</sup> – 20 W/cm<sup>2</sup>  
**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")

#### SPECTRAL RESPONSE



#### 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



**InternationalLight**  
TECHNOLOGIES

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