

Goniophotometer -



**Name**  
**RGO-60T ROBOT GONIOPHOTOMETER**

• **Description**

- **With precision robots, to realize high automation and high freedom**
- RGO-60T Robot Goniophotometer is a highly automated system for light distribution measurement of various luminaires. Based on industrial robot technology, it can realize all CIE A- $\alpha$ , B- $\beta$ , C- $\gamma$  measurement solutions, which make it be widely used to test light distribution and total luminous flux for various indoor luminaires, road luminaires, spot lights etc.

• **Parameter**

**Measurable Items:**

Luminous intensity distribution curve, Luminous intensity data, efficient beam angle, spread angle, iso-candela diagrams, iso-illuminance diagrams, total luminous flux, zonal luminous flux, luminaries efficiency, coefficient of

utilization, maximum ratio of distance to height, curves of luminaires vs lighting area, luminance curves, glare rating, UGR, voltage, current, power, power factor, etc.

Main specifications:

- Auto rotation range of luminaires:

0~360° (C axis) ; -180°~+180° ( $\gamma$  axis)

0~90° (B axis) ; -90°~+90° ( $\beta$  axis)

0~90° (A axis) ; -90°~+90° ( $\alpha$  axis)

- Photometer head: CLASS L ( $f1' < 1.5\%$ ) or CLASS A ( $f1' < 3.0\%$ ), Pre-amplified and constant-temperated.
- The measuring range of illuminance: 0.0001lx—200klx;
- Optional: spatial chromaticity distribution and luminance distribution test function

