

## V120 LED Goniophotometer

V120 LED Goniophotometer, designed with 2-axis rotators ( $\theta$ ,  $\phi$ ) and complied with CIE 127-1997 LED measurement standard, can perform  $2\theta_{1/2}$  in only 1.5 sec. Coordinate with T650 instrument and V120 goniophotometer software, it provides complete optical and electrical test items and multiple diagram analysis, including I-V, I-Iv, I- $\lambda$  D, T-Iv, T-V, Spectrum, etc.

產品特性



### Key Features

- **Comply with CIE standard and trace IS calibration system**

Compliance with the CIE Technical Report for Measurement of LEDs (CIE 127-1997) standard

- **Complete Measurement Function**

Provide complete test items, data analysis and various diagrams with friendly user interface

- **High speed performance**

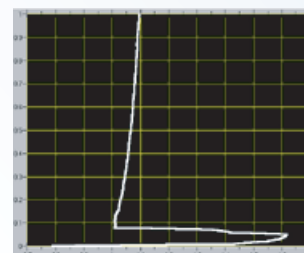
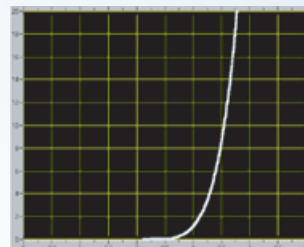
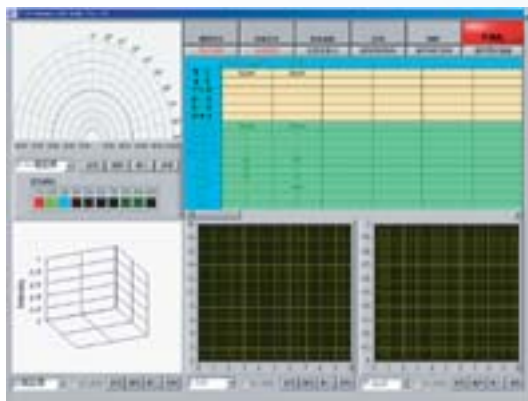
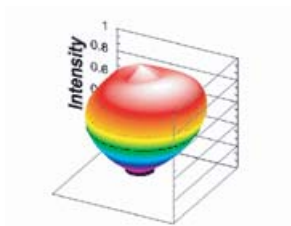
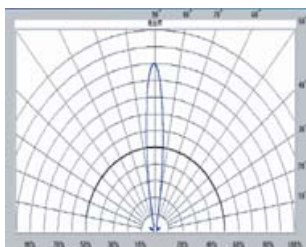
Perform  $2\theta_{1/2}$  measurement in 1.5 sec

- **Precise positioning design**

Apply state-of-the-art positioning jig for precise DUT orientation and measurement

- **Suitable for different LED types**

Suit most LED types and size with different option jigs



## Specifications

Instrument	: T650 instrument & V120 software
Orientation Jig	: Single chip Lamp, Bi-chips Lamp, Tri-chips Lamp, Piranha, Single chip SMD, Bi-chips SMD, Tri-chips SMD, Other customized design
Accessories	: Positioning jig, fiber and detector stand, test line
Test Speed	: 1.5 sec/pc (perform $2\theta_{1/2}$ measurement)
$2\theta_{1/2}$ measurement	: Repeatability $\pm 0.3^\circ$

## Software Functions

General Test	Items	$I_v$ , (x, y), ( $u'$ , $v'$ ), $\lambda_D$ , $P_e$ , $\lambda_p$ , CCT, CRI, FWHM, $V_f$ , $V_r$ , $I_r$ , $I_f$ , $\Delta V_f$ , THY, biased angle, $2\theta_{1/2}$
	Functions	Calibration, Auto $I_v$ level adjustment, Auto integration time detection, Data printing, editing and loading
2D spatial radiation	Items	Polar coordinate, Square coordinate
	Functions	Save, Load, Clear, Print
3D spatial radiation	Items	Polar coordinate, Square coordinate
	Functions	Save, Load, Clear, Print
Graphic Analysis	Items	I-V curve, I- $I_v$ curve, I- $\lambda_D$ curve, I-(x,y) curve, Time- $I_v$ curve, Time-V curve, Angle- $\lambda_D$ diagram, Angle-(x,y) diagram
	Functions	Save, Load, Clear, Print

## Other

Dimension	: 350(H) × 730(W) × 400(D) mm
Weight	: 26.5 kg
Power	: AC 110V / 60 Hz ; AC 220V / 50 Hz

Notes : All specifications are subject to change without notice - - - - -


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