

FLT702 LD Tester



Features

1. L-I-V Curve Tracer
2. ACC Mode (Auto Current Controller)
3. APC Mode (Auto Power Controller)
4. Dark Current Measurement
5. Optical Power Measurement
6. User Define Pin Position
7. L-I-V Curve Display

Description

1. This system can measure LD as following
 - a. TO-Can
 - b. Receptacle
 - c. Pigtail
2. Pins of LD can define by software & user do not need to adjust position.
3. During measure IM, Vbias can adjust by software (0~5V).

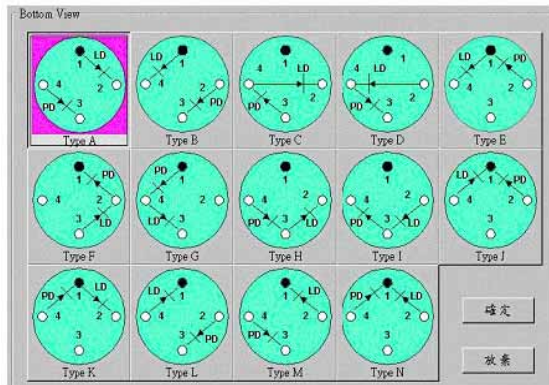


Fig.1 User define pin position

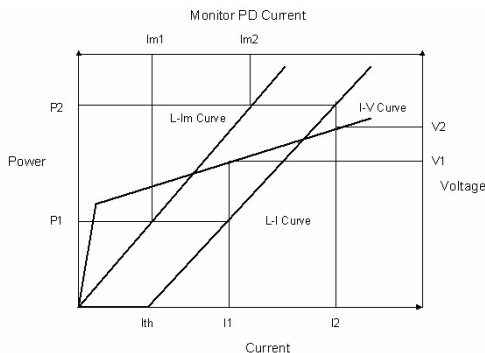


Fig.2 L-I-V curve display

Parameters

Parameter	Unit	Symbol
Operator Current	mA	Iop
Operator Voltage	V	Vop
Series Resistance	ohm	Rs
Threshold Current	mA	Ith
Slope Efficiency	W/A	SE
Sensitivity of Monitor PD	uA/mW	PD-S
Forward Power	mW	Pf
Forward Voltage	V	Vf
Monitor PD Current of Pop	uA	Im-Pop
Monitor PD Current of Pf	uA	Im-Pf
Power of Kink	uW	Pkink
Current of Kink	mA	Ikink

Optical Power Sensor Responsivity

Wavelength	850nm		1300nm		1550nm	
	Min.	Typ.	Min.	Typ.	Min.	Typ.
GMHS (Ge Detector)	0.20	0.26	0.60	0.70	0.75	0.85

Ge Detector 響應規格表 (Detect Range : 800~1600nm)

Wavelength	780nm		850nm		980nm	
	Min.	Typ.	Min.	Typ.	Min.	Typ.
PIN10DP (Si-PIN Detector)	0.52	0.57	0.58	0.60	0.60	0.62

Si-PIN Detector 響應規格表 (Detect Range : 450~1000nm)

Order Information

FLT-702	LD Tester
FLT-702-01	Spectrum Analyzer
FLT-702-02	Keithly2400



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