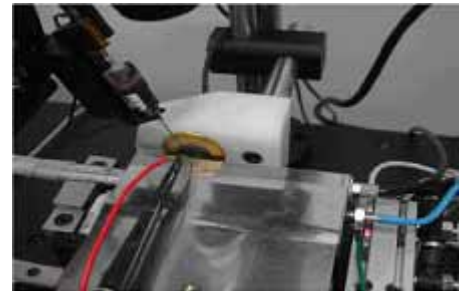


## FLT701 Laser Bar Tester



### Features

1. L-I-V Curve Tracer
2. Optical Spectrum Analysis
3. CW/Pulse Mode Current
4. Optical Power measurement
5. Inker Function
6. Heater Function



The probe equip with Edge Sensor

### Description

1. Use vacuum to suck laser bar on testing board.
2. Can apply to different kind of Laser Bar (different cavity & length).
3. The test board was drive by 5 axis stepper motor, resolution 5um.
4. The probe equip with Edge Sensor which able to automatic detect testing over through continuous sweeping.
5. Inker posit in XYZ axis to mark the NG chip.
6. Testing board with heater function.

### Measurement Parameter

Parameter	Unit	Symbol
Operator Current	mA	Iop
Operator Voltage	V	Vop
Series Resistance	ohm	Rs
Threshold Current	mA	Ith
Slope Efficiency	W/A	SE
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-701	Laser Bar Tester
Option701-1	Optical Spectrum Analyzer



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