



Four Wire FPC Automatic Tester (FWT-F2)



- Integrated automatic FPC loading module, automatic marking system, and automatic electrical test module for fully automated operation.
- High throughput (High UPH) with improved test efficiency and significant labor cost reduction.
- Modular system architecture with high flexibility, supporting multiple FPC sizes and product formats.
- Configurable re-test function, allowing the number of FPC re-testing cycles to be set according to customer requirements.
- Built-in automatic label inspection and cleaning mechanism after marking, effectively preventing defective products from escaping to downstream processes.
- Supports fast changeover between different product series, minimizing downtime and maximizing production flexibility.

Product Specifications

Test Board Size	MAXX: 250xY: 250 mm MAXX: 250xY: 500 mm
Test Board Thickness	0.05 mm ~ 0.8 mm
Test Points	4096
Test Pad Size	Four Wire ≥ 0.3 mm Two Wire ≥ 0.15 mm
Two Wire Continuity Test	10 Ω ~ 50 k Ω
Four Wire Continuity Test	0.3 m Ω ~ 100 Ω
Test Speed	8,000 Points/sec (Two Wires) 1,500 Nets/sec (Four Wire)
Insulation Test	100 k Ω ~ 20 M Ω (Upgradeable to 100 M Ω) Need to be controlled at 50%RH or less
Test Voltage	15 V ~ 250 V (Upgradeable to 300 V)
Test Current	10 mA ~ 100 mA
Optional	(1) μ -SHORT; (2) HR- μ -SHORT; (3) SPARK; (5) Embedded Resistance 1 Ω ~100 k Ω , and upgradeable to 10 M Ω ; (6) Embedded Capacitor 50 nF~1 mF
Dimension (L x W x H)	1880 mm x 1470 mm x 1890 mm
Weight	Approx. 1050 kg