

# MDA

MANUFACTURING DEFECTS ANALYZER

## TR518 SII SERIES



High Accuracy Modular MDA



User-Friendly Advanced Analog Tests



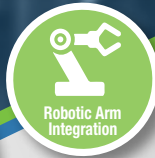
High Precision Open and Short Circuit Detection



USB Interface



Cost Effective Platform



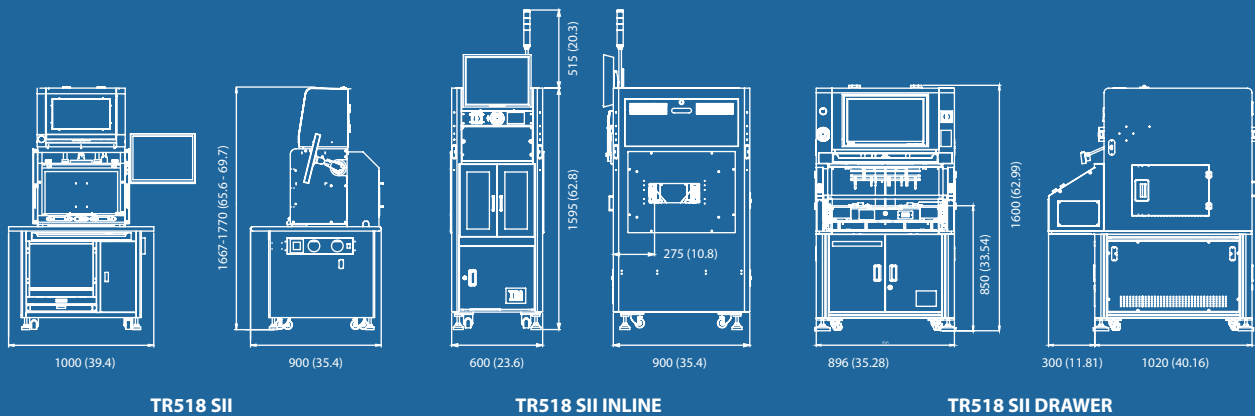
Robotic Arm Integration



Model	TR518 SII	TR518 SII INLINE	TR518 SII DRAWER
Maximum Analog Test Points	2560 Points	1024 Points	2560 Points
Windows Compatible Operating System	PC or Laptop with USB Ports Microsoft® Windows 10		
Power Requirement	200 — 240 V, Single phase, 50/60 Hz, 1kVA	200 — 240 V, Single Phase, 50/60 Hz, 3 kVA	
Air Requirement	Dry Air 2.5 — 8 kg/cm <sup>2</sup> ; Air Consumption: 28 liters/cycle	Dry Air 4 — 8 kg/cm <sup>2</sup>	Dry Air 4 — 8 kg/cm <sup>2</sup> ; Air Consumption: 28 liters/cycle
Fixture Type	Press	Inline/Manual Insertion	Offline with Long Lifespan Quick Disconnection Interface
Optional	Control Box	N/A	
PCB Size	N/A	70 x 70 – 330 x 250 mm (2.76 x 2.76 – 12.99 x 9.84 in.)	Max: 650 x 550 mm (25.59 x 21.65 in.)
PCB Thickness	N/A	0.6 – 5 mm (0.02 - 0.2 in.)	N/A
Clearance	Top Bottom	N/A N/A	N/A N/A
Conveyor Height	N/A	890 – 1000 mm (35.04 in – 39.37 in)	N/A
Max. Component Height	N/A		85 mm (3.35 in.)
Measurement Switching Matrix 6-wire Measurement Capability	Programmable Frequency: 100 Hz, 1 kHz, 10 kHz, 100 kHz Programmable DC Voltage Source: ±10 V Maximum, Resolution: 10 mV Programmable DC Current Source: 100 mA Maximum Programmable AC Voltage Source: 2 Vpp Maximum, Resolution: 10 mV Programmable High Voltage DC Current Source: Up to 53 V/100 mA		
Component Measurement Capability	Resistance: 40 mohm — 40 Mohm Capacitance: 10 pF — 40 mF Inductance: 10 μH — 60 H		
Guarding Capability	Automatic Guarding Point Selection: Up to 5 Points Per Test Step		
General Purpose Interface	16 Channel I/O Interface		
Optional Hardware	TestJet Technology for Vectorless Open Circuit Detection Programmable High Voltage DC Current Source: Up to 100 V/100 mA		
Weight	220 kg (485 lbs)	340 kg (749.57 lb)	405 kg (892.87 lb)

\* The weight does not include notebook or accessories; final weight determined by system selected

Unit: mm (in.)



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