

MDA

MANUFACTURING DEFECTS ANALYZER

TR518 SII SERIES



High Accuracy Modular MDA



User-Friendly Advanced Analog Tests



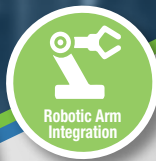
High Precision Open and Short Circuit Detection



USB Interface



Cost Effective Platform



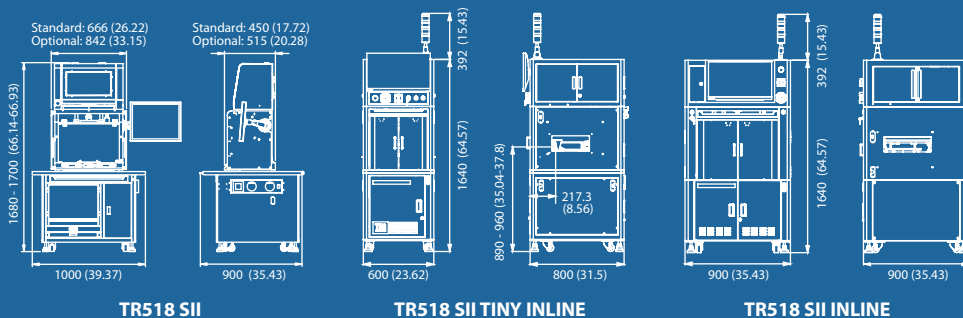
Robotic Arm Integration



Model	TR518 SII	TR518 SII TINY INLINE	TR518 SII INLINE
Maximum Analog Test Points	2560 Points	1024 Points	2496 Points
Windows Compatible Operating System	PC or Laptop with USB Ports Microsoft® Windows 10		
Power Requirement	200-240 V, Single phase, 50/60Hz, 2 kVA	200 — 240 V, Single Phase, 50/60 Hz, 3 kVA	
Air Requirement	Dry Air 4 — 8 kg/cm ² ; Air Consumption: 28 L /cycle	Dry Air 4 — 6 kg/cm ² ; Air Consumption: 18 L /cycle	Dry Air 4 — 6 kg/cm ² ; Air Consumption: 28 L /cycle
Fixture Type	Press	Inline with Long Lifespan Quick Disconnection Interface or Manual Insertion	Inline with Long Lifespan Quick Disconnection Interface
Optional	Control Box	N/A	
PCB Size	420 x 300 mm (16.54 x 11.81 in.) Optional: 600 x 350 mm (23.62 x 13.78 in.)	50 x 50 – 330 x 250 mm (1.97 x 1.97 – 12.99 x 9.84 in.)	50 x 50 – 450 x 300 mm (1.97 x 1.97 – 17.72 x 11.81 in.) Optional: 50 x 50 – 500 x 360 mm (1.97 x 1.97 – 19.69 x 14.17 in.)
Max. PCB Weight	N/A		5 kg
PCB Thickness	N/A		0.6 – 5 mm (0.02 - 0.2 in.)
Clearance			90 mm (2.36 in.)
Top	N/A		
Bottom	N/A		30 mm (1.18 in.)
Conveyor Height	N/A		890 – 960 mm (35.04 in – 37.80 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 Programmable DC Current Source: 100 mA Maximum Programmable AC Voltage Source: 2 Vpp Maximum Programmable High Voltage DC Current Source: Up to 53 V/100 mA Resistance: 40 mohm — 40 Mohm Capacitance: 10 pF — 40 mF Inductance: 10 μH — 60 H	
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)	320 kg (705.48 lb)	470 kg (1,036.17 lb)

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

Unit: mm (in.)



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