

TR518 SII SERIES



- **USB Interface**
- **2,560 Analog Test Points**
- **Improved Reliability, Accuracy & Testing Speed**
- Programmable Open/Short Threshold
- R/L/C/D Measurement
- 3-Point Capacitor Polarity Test
- Transistor, FET, SCR, and Photo Coupler Testing Modes
- Board View Function
- Auto Learning Program Generation
- Auto Guarding Points Selection
- PIN Contact Check Capability
- ATM with integrated DCB and ACB

**MANUFACTURING
DEFECTS ANALYZER**



General

Maximum Analog Test Points	2,560 points
Windows Compatible PC or Laptop with USB Ports	
Operating System	Microsoft® Windows 7 – 10
Power Requirement	200 – 240V, Single phase, 50/60 Hz, 500 VA
Air Requirement	Dry air 2.5 – 8 kg/cm ² ; Air consumption: 28 liters/cycle
Fixture Type	Press
Optional	Control box

Analog Hardware

Measurement Switching Matrix	6-wire measurement
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

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

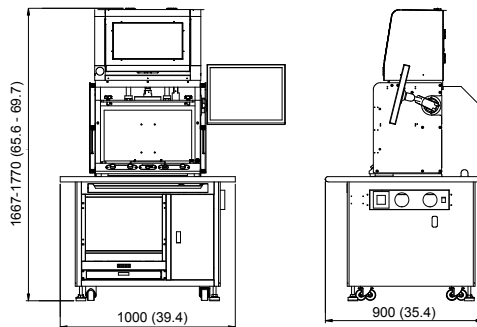
Optional Hardware

Analog Testing

TestJet Technology for Vectorless open circuit detection

Programmable High Voltage DC Source Up to 100 V/100 mA

Dimensions/Weight



Unit: mm (in.)

Weight	220 kg (485 lbs)
Rack	9 – 30 kg (19.84 – 66.14 lbs) (does not include notebook or accessories; final weight determined by system selected)

Powerful Software Environment

Microsoft® Windows 7 operating system software
User-friendly interface
Auto debug for all passive tests (shorts/opens, R/L/C components, clamping diodes, and TestJet)
Built-in system diagnostics
Test Coverage and Cpk reporting are standard
Multitude of data log output formats are available
Board View will visually highlight failures to device/pin/trace level
Board Revision software (1 program for multiple board versions)
Program Modification Report (Reports any changes to program after release)
Shop floor system support

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Headquarters

7F., No.45, Dexing West Rd.,
Shilin Dist., Taipei City
11158, Taiwan
TEL: +886-2-2832-8918
FAX: +886-2-2831-0567
E-Mail: sales@tri.com.tw
http://www.tri.com.tw

Linkou, Taiwan

No.256, Huaya 2nd Rd.,
Guishan Dist., Taoyuan
City 33383, Taiwan
TEL: +886-2-2832-8918
FAX: +886-3-328-6579

Hsinchu, Taiwan

7F., No.47, Guangming 6th
Rd., Zhubei City, Hsinchu
County 30268, Taiwan
TEL: +886-2-2832-8918
FAX: +886-3-553-9786

Shenzhen, China

5F.3, Guangxia Rd.,
Shang-mei-lin Area,
Fu-Tian Dist., Shenzhen,
Guangdong, 518049, China
TEL: +86-755-83112668
FAX: +86-755-83108177
E-mail: shenzhen@cn.tri.com.tw

Suzhou, China

B Unit, Building 4, 78 Xinglin St.,
Suzhou Industrial Park,
215123, China
TEL: +86-512-68250001
FAX: +86-512-68096639
E-mail: suzhou@cn.tri.com.tw

Shanghai, China

Room 6C, Building 14,
470 Guiping Rd., Xuhui Dist.,
Shanghai, 200233, China
TEL: +86-21-54270101
FAX: +86-21-64957923
E-mail: shanghai@cn.tri.com.tw

USA

832 Jury Court, Suite 4,
San Jose, CA 95112 U.S.A
TEL: +1-408-567-9898
FAX: +1-408-567-9288
E-mail: triusa@tri.com.tw

Europe

O'Brien Strasse 14
91126 Schwabach
Germany
TEL: +49-9122-631-2127
FAX: +49-9122-631-2147
E-mail: trieuropa@tri.com.tw

Japan

2-9-9 Midori, Sumida-ku,
Tokyo, 130-0021 Japan
TEL: +81-3-6273-0518
FAX: +81-3-6273-0519
E-mail: trijp@tri.com.tw

Korea

No.207 Daewoo-Technopia,
768-1 Wonsi-Dong, Danwon-Gu,
Ansan City, Gyeonggi-Do, Korea
TEL: +82-31-470-8858
FAX: +82-31-470-8859
E-mail: trikr@tri.com.tw

Malaysia

C11-1, Ground Floor, Lorong
Bayan Indah 3 Bay Avenue,
11900 Bayan Lepas Penang,
Malaysia
TEL: +604-6461171
E-mail: trimy@tri.com.tw