

Titan Manual MM Test System

TITAN—MM

AFFORDABLE MM TESTING

Titan At-a-Glance

The Titan from GTS is an easy to use, low cost Machine Model (MM) manual test solution with a voltage range of 100 V to 400 V.

Titan Advantages

The Titan requires no programming. It can be used for design, engineering and characterization of your devices.

The Titan has exceptional pulse quality and repeatability. Each pin has the same delivery path reducing anomalies & pulse distortion. No pre-pulse or post pulse stresses are present.

Meets current ESDA/JEDEC requirements and is a Low Parasitic MM Tester.

Small desk top footprint and self-contained.

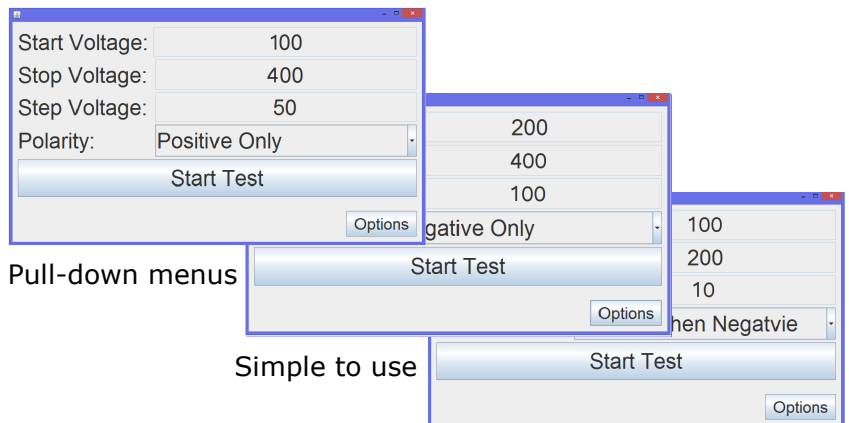


The **Titan** from Grund Technical Solutions offers affordable testing of semiconductor devices, modules and discrete components for sensitivity to Electrostatic Discharge (ESD) - specifically the Machine Model (MM).

With a voltage range from 100 V to 400 V the Titan has testing range current MM standards, and is a low parasitic tester.

An easy to install test fixture board with a wide blade 48 pin DIP zero-insertion-force socket is included. Custom test fixture boards can be user designed by following the online reference PCB design or can be supplied by GTS.

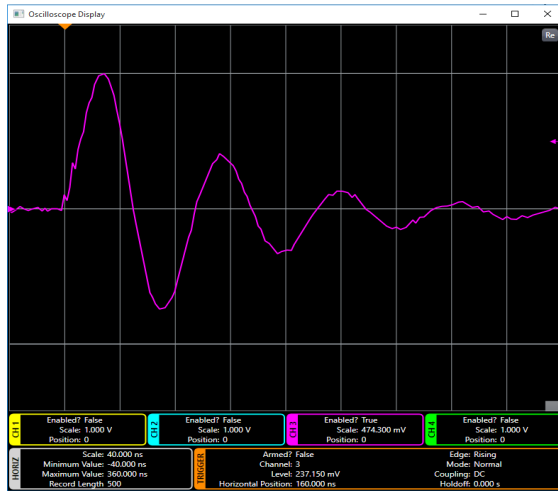
As shown below the test parameter entry is straight forward with no training required. A simple pull-down menu allows the required data to be entered via the touch screen panel.



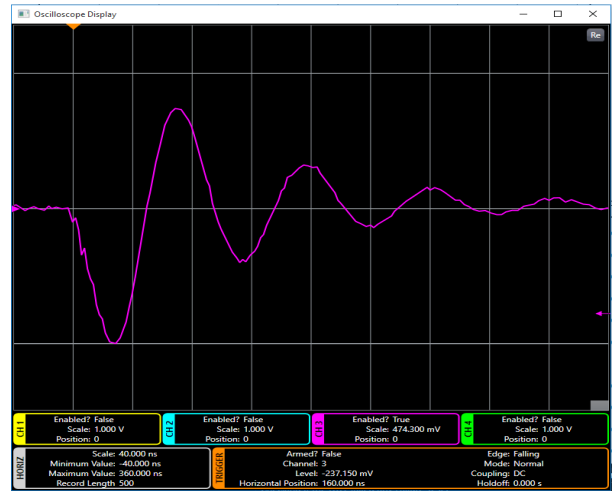
No training required

Titan Manual MM Test System

TECHNICAL DETAILS



Sample positive current waveform



Sample negative current waveform

System Detail

- 2 pin to 128 pin capability
- 48 pin fixture board supplied with system—custom boards available
- Safety interlock cover
- Rugged construction:
No glass relays or hazardous materials
Contains no mercury

High Voltage Supply Detail

- Voltage Range
100 V to 400 V
Positive, Negative, or Both
- Voltage Step Size
1 V resolution

MM Specifications

- ESDA STM 5.2-2012
- JEDEC JESD22-A115C
- AEC Q100-002 Rev-E

Operating Range

- 10—80% RH non-condensing

Power Requirements

- 100—240 VAC single phase
- 50—60 Hz, 0.5 A (max)

Temperature Range

- Operating
40° to 95°F (5° to 35°C)
- Non—Operating
-40° to +140°F (-40° to +60°C)

Physical

- Size:
19.5" (w) x 14.5" (l) x 9" (h)
49.5cm (w) x 37cm (l) x 23cm (h)
- Weight:
32lb
14.5kg

Grund Technical Solutions, Inc.
370 South Abbott Avenue
Milpitas, CA 95035
USA

Phone: 408-216-8364
Fax: 408-217-0160
Email: info@grundtech.com
Website: www.grundtech.com