

BARTH Model 4002 TLP+™

Pulse Curve Tracer

Options and Software

The **Barth 4002 TLP+™ Pulse Curve Tracer** precisely characterizes the ESD robustness of silicon chip protection circuitry. Programmed rectangular pulses are applied to the device under test, resulting in a computerized plot of current vs voltage. A leakage measurement is made after each pulse to obtain the leakage evolution current versus pulse voltage. Set up for packaged device testing, an optional dual wafer probe (Barth Model 45002WP), permits wafer level testing as well.

Base Test System

- Ⓢ 48 pin DIP Zip Test Fixture
- Ⓢ Tektronix® Model 3052C Scope
- Ⓢ Keithley® Picoammeter
- Ⓢ SRS High Voltage Power Supply
- Ⓢ DELL™ Computer & Monitor
- Ⓢ High Speed Inkjet Printer
- Ⓢ LabView® Software
- Ⓢ 1 Year Service Warranty
- Ⓢ 1 Year BSSP

Barth TLP+™ Options

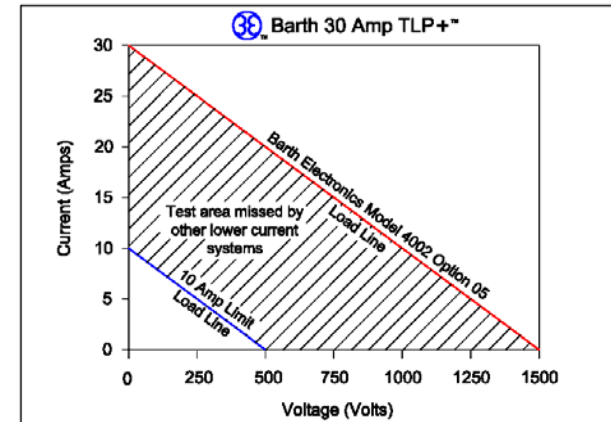
- Ⓢ Dual Wafer Probe
- Ⓢ Pulsed Bias Box (AC Powered)
- Ⓢ Negative Pulse
- Ⓢ Wide Pulse (500ns Pulse Width)
- Ⓢ 20 Amp
- Ⓢ 30 Amp



The 30A Option for Model 4002 TLP+ test system, will allow for testing to 30 Amps with a 100ns pulse width and a 10ns rise time.

The 30A Option Bundle includes a DELL Precision T3500, with the following:

- Xeon Processor
- 4GB Ram
- 250GB hard drive
- 19" Flat Screen Monitor
- Keyboard
- Mouse
- Windows 7 OS
- The latest version of Barth Software; BSSP Software Upgrade with 1 yr subscription



Barth Software Subscription Program (BSSP)

ADVANTAGES

- ⊗ Keeps your system in peak operation
- ⊗ Receive the latest software improvements
- ⊗ Efficiency improvements: test speed increases
- ⊗ Improved capability: calibration, reporting, system diagnostics
- ⊗ Bug fixes
- ⊗ Cost effective solution

DESCRIPTION

The Barth Software Subscription Program (BSSP) provides periodic software updates for the Barth pulsed test systems. The nominal annual fee provides the latest software updates at no additional cost. The BSSP allows Barth to continue the quality of service and support you have come to expect and rely upon. We provide 2 years BSSP support with the purchase of a new test system. Hardware upgrade or refurbishment that require upgrade software will also include 1 year of BSSP support. Barth does not currently charge for phone and e-mail system troubleshooting support.