Meet the revolution in high frequency attenuation testing.

ACCU®Prober
The Single-source Testing Solution for Impedance, SPP, SET2DIL, TVNA® and Delta-L

introbotix
Innovating High Frequency Test Solutions
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ACCU-Prober™ — The Open Platform High-Frequency Testing Solution Measuring Up to 50 GHz.

TDR Based High Frequency Testing
ACCU-Prober from Introbotix is an open platform TDR measurement system designed to meet and exceed today’s testing needs, as well as those of the future. It is compliant with most widely used standards in manufacturing and design and is able to test to frequencies as high as 50GHz.

Higher Tier Performance — up to 50GHz
Responding to the needs of industry the ACCU-Prober HF30 & HF50 brings high frequency measurements up to 50GHz. While beneficial for any testing methodology, the HF30 is well suited for the next generation of SET2DIL, while the HF50 is designed for higher performance SPP, TVNA, Delta-L, and Impedance testing.

An Open Platform Built For The Future
Because ACCU-Prober is a TDR measurement platform and not a single purpose product, the ACCU-Prober allows manufacturing and design facilities to consolidate standard test methods into a single form factor. The ACCU-Prober can deliver results from .25 GHz up to 50 GHz and is available in configurations that measure impedance, propagation delay, SPP, SET2DIL, SET2SEIL, Delta-L, TVNA and future standards currently in development.

Created for Manufacturing Environments
The ACCU-Prober is designed with manufacturing in mind. The ACCU-Prober Static Isolation Unit fits precisely under the included Tektronix oscilloscope allowing a smaller footprint and eliminating long cables. The software interface is large and readable at a distance, with foot pedal control. The probe handle is contoured for comfort with a slip resistant rubber grip and houses a standard manual microprobe.

From the Innovator in High Frequency Testing
Introbotix is an award winning pioneer in high frequency testing — providing testing services for circuit board development and manufacturing.
ACCU-Prober™ — One platform, many configurations.

ACCU-Prober configurations include a 2 or 4 port SIU (Static Isolation Unit), with USB communications to a host PC, foot pedal control, Summary Report Writing Software, and Waveform Viewing Software.

- **ACCU-Prober with TDR Impedance**
  The ACCU-Prober with TDR Impedance provides both single and differential impedance measurements, plus propagation delay, velocity and EBW (max slope) loss. Includes 2 TDR probes for measurement and automation software.

  **Available Frequencies:** 20GHz, 30GHz, 50 GHz

  Compliant with TM-650 2.5.5.7 & 2.5.5.12 standard test methods (including the new LPE Impedance Test Method).

- **ACCU-Prober with TVNA®**
  This Introbotix developed TDR testing method, TVNA®, provides fast and simple calibration, is probe independent, and correlates to VNA (vector network analyzer) insertion and return loss results. TVNA capability is also available as an add-on to any ACCU-Prober configuration.

  **Available Frequencies:** 20GHz, 30GHz, 50 GHz

  Compliant with TM-650 2.5.5.12 standard test method.

- **ACCU-Prober with SET2DIL**
  ACCU-Prober with SET2DIL measures Sdd21 differential insertion loss using the most current bidirectional SET2DIL methodologies. SET2SEIL is available as an add-on.

  **Available Frequencies:** 20GHz, 30GHz

  Fully compliant with the SET2DIL standard (Intel & IPC TM-650 2.5.5.12).

- **ACCU-Prober with SPP**
  ACCU-Prober with SPP is designed to meet the growing need for Short Pulse Propagation testing of today's high frequency printed wiring boards, fully licensed by SPP’s developer, IBM. It can be configured with two hand held probes to measure single-ended and differential loss. Frequency dependent $D_v(f)$ and $D_f(f)$ is also provided.

  **Available Frequencies:** 20GHz, 30GHz, 50 GHz

  Fully licensed solution by IBM and is compliant with IPC TM-650 2.5.5.12.

- **ACCU-Prober with Delta-L**
  ACCU-Prober with Delta-L provides access to this emerging testing methodology with a highly efficient coupon design that is 5 times smaller than traditional Delta-L coupons. Delta-L is available as an add-on to any ACCU-Prober.

  **Available Frequencies:** 20GHz, 30GHz, 50 GHz