

INTRODUCTION

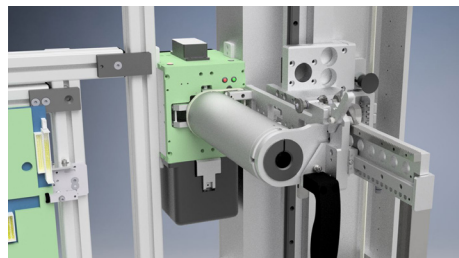
Universal test rig for TDR, TDT and VNA testing of bare boards and assembled digital devices. Totally integrated, flexible and configurable solution

KEY FEATURES

- Manual or semi-automatic operation
- Available with up to four test heads
- Test heads available with either 8, 16 or 24 port integrated TDR units or single port integrated VNA units
- High specification, ultra-compact TDR units:
 - ⇒ 12ps rise time
 - ⇒ 35 GHz bandwidth
 - ⇒ 1ps time base
- High specification, ultra-compact VNA units
- Test heads can be connected into customer's existing TDR or VNA units
- Suitable for Backplanes and Linecards (both assembled and bare)
- Semi-automatic tool changer
- 5µm encoders fitted to X and Y axes
- Micro adjustments of 0.005 for extremely accurate alignment of test module to PCB
- Each test XY position can be recorded to enable the operator to return to the exact same location on a subsequent board. Ideal for batch testing
- Software will guide the operator to each recorded XY position
- Motorised axes available for semi-automatic operation
- Full range of TDR & VNA tests and measurements available; impedance, skew, backdrill discrepancies, calculated differential
- Custom test modules with integrated camera to match any connector/PCB pattern
- Custom bare board modules



0.005mm micro positional adjustments easily made by the operator. Final position recorded in software



Ultra compact heads fitted with 24 port TDR units or single port VNA units

