

**HORIZONTAL/VERTICAL SIGNAL INTEGRITY  
TDR PROBING**

**MULTIPLE SIZE CIRCUIT BOARD CONFIGURATIONS**

**H  
O  
R  
I  
Z  
O  
N  
T  
A  
L**



**V  
E  
R  
T  
I  
C  
A  
L**

**MANUAL WORK STATION**

*Features Include*

- Open design allows a variety of fixtures and device types to be probed, essential for vertical high density populated PCB's for Time Domain Reflectometry and Four Point Differential Modeling.
- Fixture capability for controlled probe target, large and small.
- Large circuit boards may be positioned vertically or horizontally, specify "H" or "H/V" accessory fixtures at time of order.
- Optional 1 each or 2 each (shown), CCD Video Monitors and stands.

- Front and back side video viewing optional.
- May be used with a variety of manipulators, probes and probe holders from Probing Solutions, PICO Probes™ and TDR Probes and others.
- Please discuss the manipulator and probe holder options with the factory or your local PSI sales representative.
- Compatible with Tektronix® 11800 with SDZOTDR, TDS 8000 and 80E04TDR.
- Compatible with Agilent® 54750 or 83480.

## **PLATEN**

Comes standard with 5" Z travel, two 4" (10cm) x 26" (66cm) platens positionable in "X" axis providing horizontal positioning for probing areas 19" (48cm) x 20" (51cm) or vertical 19" (48cm) x 30" (76cm).

## **STATION BASE (FOOTPRINT)**

32" (81cm) x 26" (66cm) grained, black anodized aluminum. 10-32 threaded holes on a 2" (5cm) x 2" (5cm) grid pattern providing facility for fixture mounting.

## **FACILITIES**

Auto Switching CE Illuminator. 110/210 VAC, 2.5A, 50/60 Hz

## **FINISH DIMENSIONS AND WEIGHT**

32" (81cm) W x 26" (66cm) D x 14.5" (37cm) H  
30" (76cm) board work height - vertical  
Weight: 150 lbs. (68kg)  
VIB ISO Table 116lbs. (53kg), 36" (91cm) W x 30" (76cm) D x 30" (75cm) H  
Facilities Required: 90 PSIG Air, Vacuum - 25in Hg,  
Power - 110/220 VAC, 60/50 Hz

## **Accessories**

2020HV Accessory Options

Horizontal/Vertical Zoom Lens CCD Video



Manual Zoom Lens



**Visit our website at:**  
**[www.probingolutions.com](http://www.probingolutions.com)**

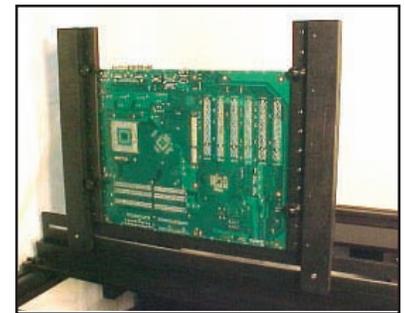
## **DESCRIPTION**

The PSI 2020HV™ is the essence of simplicity and affordability yet includes functions not normally found on machines priced significantly higher. It was created to satisfy the versatility requirements for populated Time Domain Reflection testing, and DUTs whose geometrics are too small for hand guided probes yet capable of contacting structures viewed with zoom lens video.



Mother and Daughter Board may be probed simultaneously

Vertical Board Holder



PWave VM R&L Manipulator with articulating holder adapters

Local Sales Representative

