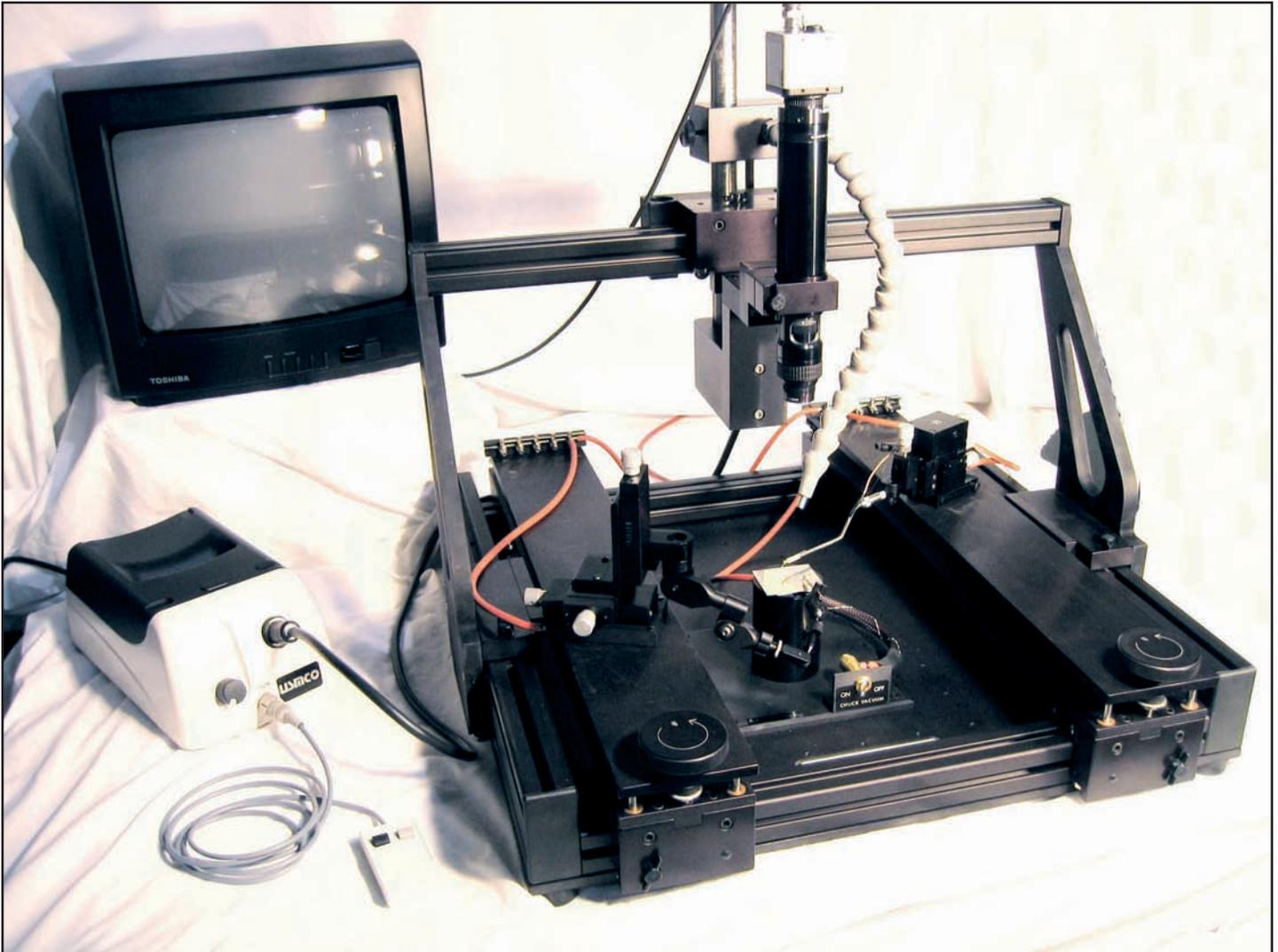


Ψ Probing Solutions Inc. PSI 1120™ BGA

COMPACT GENERAL PURPOSE PROBE STATION

Great for Circuit Boards and LCD Displays!



Features Include

- Open design allows a variety of fixtures and device types to be probed, ranging from flat panel displays to high density PCBs.
- Useful DUT area is 11½” x 20½” (29.21cm x 52cm), which can be easily expanded in ‘X’ with a simple rail and baseplate change.
- The large platens (1 pair) may be positioned as needed and locked. Each has individual ‘Z’ control.
- Accepts standard pedestals, BGA vacuum wafer chucks, packaged device fixtures and universal mounts. User fixturing is easily attached by threaded holes in baseplate.
- May be used with a variety of manipulators and probes/probe holders.
- Economical solution to a variety of probe needs. Including signal integrity applications, BGA and small PCB’s up to 11” x 20” square (22.9cm x 50.8cm).

PLATEN

Comes standard with two 4" (10cm) x 26" (66cm) platens positionable in the 'X' axis providing a useful test area of 11" (22.9cm) x 20" (50.8cm). Each platen has 2" (5cm) of 'Z' travel.

STATION BASE

24" (60.96cm) x 24" (60.96cm) grained, black anodized aluminum. 10-32 threaded holes on a 2" (5cm) x 2" (5cm) grid pattern provides facility for fixture mounting.

MICROSCOPE POST AND

MICROSCOPE OPTIONS

X, Y translation is 19" (48.26cm) x 17" (43.1cm). The Z microscope gross positioning ranges from the surface of the baseplate to 8" above.

Accepts stereo microscope with typical 2.1X to 270X magnification range and 10X eyepieces. Illuminator and camera port are standard or optional ultra zoom 6.5X, W3mm ff & coaxial with 1X adaptor and mount coupler.

FINISH DIMENSIONS AND WEIGHT

24" (60.96cm) x 24" (60.96cm) x 16" (40.64cm)
Weight: 74.75 lbs. (33.9kg)

DESCRIPTION

The PSI 1120™ is the essence of simplicity and affordability yet includes functions normally found on machines priced significantly higher. It was created to satisfy the probing requirements of DUTs whose geometries are too small for hand guided probes yet capable of contacting structures viewed with stereo microscopes.

The 24" (60.96cm) x 24" (60.96cm) baseplate provides the structure which accepts two large platens positionable in the 'X' axis, and containing individual 'Z' controls. Further, the microscope glides over the fixture mounting area and then locks into position.

The platens will each support up to 8 manipulators depending upon type and travel characteristics. Manipulators and probe holders are available to accomplish a variety of goals. Probes from those commonly found with oscilloscopes to small geometry needles may be used.

OPTIONAL ACCESSORIES

15" CCD Video Monitor
PWAVE VM Manipulator with Articulating Arms,
compatible with 1,2,4 Point Probes and Picoprobes
Zoom stereo Meiji EMZ-5R Conventional Microscope

Optional Manual Zoom Lens



PWave VM R&L Manipulator with articulating holder adapters

Local Sales Representative

Visit our website at:
www.probingolutions.com