



**The PROBOT Series Six-D Probing System
(Shown from Side A)**

Appendix A: Specifications PROBOT Series Six-D Probing System

PHYSICAL/ELECTRICAL

Size 79" H x 70.0" W x 43.0" D
 Weight 1800 lbs (816 kg)
 Power 120 VAC @ 7 amps, 60 Hz
 Test Area 24" H x 27" W

MOTION SYSTEM

Accuracy 0.0025"
 Resolution X = 0.0002"
 Y = 0.0002"
 Z = 0.0072"
 Speed 18"/second

PROBES

Probe tips Blade-type

COMPUTER

Model MS-DOS 386/486
 Floppy drives One 5.25" high-density
 One 3.5" high-density
 Hard drive 120 megabyte or more

HIGH-SPEED TEST OPTION

Discharge Time Testing Measures discharge time of electrically charged nets and net segments

SOFTWARE OPTIONS

Adjacency Software Develops adjacency test file from Gerber data
 Net List Learn Develops test file from X,Y and net list data
 Learn Software Develops test file from X,Y data only

RESISTIVE TEST MEASUREMENTS

Low Voltage Range 0.5 to 100 VDC voltage, adjusts in 0.5 volt steps
 10 ohms to 100 megohms resistance
 High Voltage Range 100 to 500 VDC voltage, adjusts in 50 volt steps
 10 megohms to 500 megohms resistance
 Other Voltage Ranges 0.25 to 50 VDC voltage, adjusts in 0.25 volt steps
 5 ohms to 50 megohms resistance
 0.10 to 20 VDC voltage, adjusts in 0.10 volt steps
 1 ohm to 10 megohms resistance
 Constant Current Mode 8 to 500 milliamps current, adjusts in 2 milliamp steps
 1 to 1000 ohms resistance

Descriptions and specifications subject to change without notice and without liability.