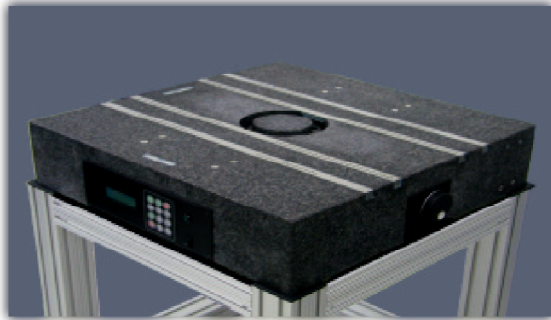


# Auto Sander Specification and Features

*ProbeLogic utilizes the latest State-of-the-Art Technology and Equipment to engineer, design, and manufacture high quality and "100% Tested" probe cards. ProbeLogic has the shortest turn-times and the most cost effective test solutions in the industry.*



**ProbeLogic**  
 1885 Lundy Avenue  
 San Jose, CA 95131  
 Tel: 408.416.0777  
 Fax: 408.943.8117  
[www.probelogic.com](http://www.probelogic.com)

## Z Stage

Straightness (Pitch & Roll)	15 arc-sec.
Accuracy with Encoder	.0002 in.
Repeatability	+/- .00005 in.

## Chuck

Flatness	.00025 in.
Parallelism of Chuck to Granite Base (4" Chuck)	.00025 in.
Chuck Rotating Speed	<b>Slow:</b> 20 - 100 rpm <b>Fast:</b> 80 - 300 rpm

## Controls

Resolution of Manual Control	<b>High</b> (1 Revolution): .010 in. of Z-Axis Movement <b>Low</b> (1 Revolution): .0005 in. of Z-Axis Movement
Feed Rate of Automatic Control	Variable

## Physical

Weight of System	250 lbs.
Size	22" x 20"x5"

- **All Functions are Controlled Using Hot Keys on Key Pad.**
- **Motor Driven Z-Axis with 1" of Travel.**
- **Granite Chuck Can Be Lowered .20" Below Reference Surface and .80" Above.**
- **Z-Axis is Controlled in Two Modes:**
  - ❖ **2 Speed Electronic Hand Wheel.**
  - ❖ **Auto Control - Variable Z Travel Adjustment from front panel knob.**
- **In Auto Mode the Chuck Moves Up at Controlled Speed. Beeps Occur at Start and Stop of Auto Move. Chuck Automatically Adjusts for Removal of Probe Card.**
- **2 Speed Adjustable Chuck Rotation.**
- **All Components Integrated into Granite Base = Ergonomic Compact Design.**
- **Surface Levels are embedded into Granite Base to Ensure Levelness.**
- **Front Panel LCD Shows Z Position, Mode of Operation, and Chuck Speed.**
- **Mounting Holes Compatible with API's PRVX 2™ and PRVX 3™.**