

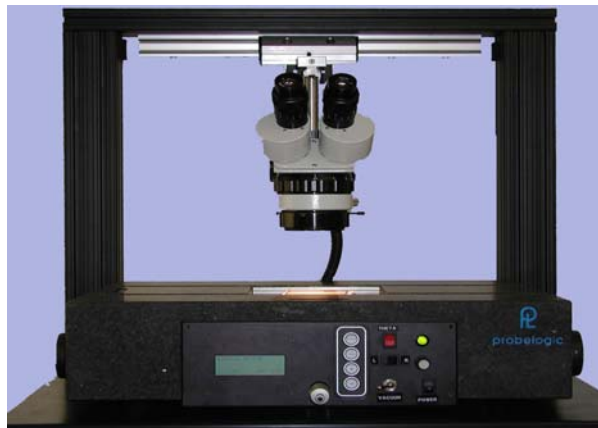
## ***PRO-ALIGNER*** Specification and Features

*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**  
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### **Specifications**

Z Stage	<b>Straightness (Pitch &amp; Roll):</b> +/- 10 arc-sec. <b>Accuracy with Encoder:</b> .00005 in. <b>Repeatability:</b> +/- .00002 in.
Flatness of Chuck	.0001 in.
Parallelism of Chuck to Granite Base (with 4 in. Chuck)	+/- .0002 in.
Input Voltage	115 VAC
Source Vacuum	18 to 21 Inches of Mercury
Resolution of Manual Control	1 Revolution = .015 in of Z-Axis Movement
Chuck Rotation Speed	0.25 – 1.0 rpm.

### **Physical**

Weight of System	200 Lbs.
Size (Granite Base)	22" W x 16" L x 5" H
Size (Gantry Assembly)	28" W x 22" L x 24" H

### **System Features**

- "Hot Keys" on Key Pad Control Overdrive Function.
- Vacuum Chuck Lowers to .250 in. Below Reference Surface and .750 Above.
- 360° Vacuum Chuck Rotation.
- Ergonomic Right and Left Z-Axis Control Knobs and Swivel Granite Base.
- X and Y Axes Can Be Moved 1 in. Using Micrometers.
- LED Front Panel Shows Z Position, Operation Mode, and Z Overdrive.

### **System Components**

- Integrated Meiji Stereo Zoom Microscope.
- High Powered Light Ring.