

PS4L Fully Automatic System

- ◆ 50 mm to >300 mm Versions
- ◆ Modular adaptive hardware and software architecture
 - ◆ All components—stages, chucks, optics, end effectors—are interchangeable
 - ◆ Completely field upgradeable
- ◆ Portable MHU—undock, move and dock to any PS4L Semiautomatic system to add automation
- ◆ Comprehensive portfolio of optional accessories and upgrades

MATERIAL HANDLING UNIT (MHU)

- ◆ Dual End Effector (single available)
 - ◆ May be configured for frames, trays of chips and substrates
- ◆ Cassette Holders
 - ◆ Two cassette holders with three point leveling
- ◆ Plexiglass Safety Enclosure
 - ◆ Dual doors for loading & unloading
 - ◆ Safety Interlock prevents door opening during operation
 - ◆ Removable Panels
- ◆ Pre-aligner
- ◆ MHU Control Electronics
- ◆ Vibration Isolation Table with Casters for easy placement



PROBE SYSTEM

- ◆ Compound microscope with variable auto focus and zoom using a single objective
- ◆ PILOT Control Software for Wafer Map, Auto Alignment and test equipment integration
- ◆ Inker assembly supports inkers and sensing probes
- ◆ Programmable or manual microscope movement. 50 mm X,Y,Z travel. Pneumatic Z.
- ◆ Large platen surface with removable front panel accommodates individual manipulators and probe cards
- ◆ Programmable software/joystick-controlled precision stage
- ◆ PS4L Control Console
 - ◆ PILOT Control Software
 - ◆ Stage Motion Control Electronics
- ◆ Vibration Isolation Table

Copyright 2013 SemiProbe, Inc. All rights reserved. Probe System for Life and SemiProbe are registered trademarks. Lab Assistant, WIS Wafer Inspection and Pilot control software are trademarks of SemiProbe, Inc. All other trademarks are the property of their own respective owners.