

LAB ASSISTANT



DATA SHEET

LA-50 DC

The LA-50 DC is an economical, small footprint 50 mm (2") probe system for R&D centers and Universities with the stability and flexibility you need for your work. It is configured as a complete system and is installed by the customer and operational within an hour out of the crate.

The SemiProbe Lab Assistant family of probe systems is specifically designed to address the requirements of research personnel - simplicity and ease of operation, portability, affordability and modularity. The Lab Assistant provides features and options that are typically only available in much more expensive systems - multiple stages, chucks, optics and manipulators. Numerous accessories can be added at a later date to enhance the system functionality.



FEATURES AND BENEFITS

- Small footprint – fits on a desk, small bench or in a glove box
- Sold as a completely configured system
- Interchangeable stages - can be used as a single or multiple application system
- Modular – numerous accessories can be added for additional capability
- DC and HF/Microwave versions available

CONFIGURATION INCLUDES:

- Rigid aluminum base with rubber vibration isolation feet
- Coaxial 50 mm x 75 mm (2"x3") stage movement
- Chuck Z lift adjustment with contact/separate lever
- 360 degree theta
- 50 mm (2") chuck with isolation adapter and vacuum control system
- Aluminum with stainless steel plated platen with removable front wedge
- Two (2) DC MA-8005 manipulators with magnetic base and coaxial probe arms
- Microscope post with pivot
- 7x to 90x trinocular stereo zoom microscope with wide field 10x adjustable eyepieces and 100 mm (4") working distance
- CCTV system ready

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