

ROLL TOP DARK BOX



DATA SHEET

The SemiProbe Roll Top Dark Box provides the user a clear visual path to instrumentation and controls located outside and adjacent to the system. The unique design of the roll top integrated into the enclosure ensures easy access to the probe system and test instrumentation controls while minimizing its operational footprint and conserving expensive space. The user can easily open and close the door with the probes in contact and not cause damage to the device under test (DUT).



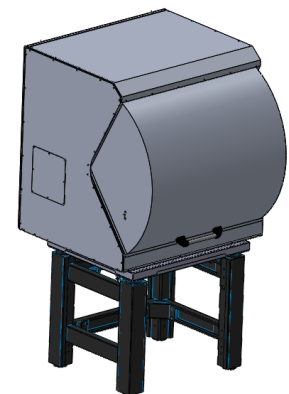
The system is provided with two (2) interconnect panels located on the sides – one is populated with application specific feedthru connectors and a rubberized boot for direct cable pass through (outside to inside). The other panel is blank so the user can add other types of connectors when desired.



Numerous types of feedthru connectors are available – coaxial, triaxial, sma, high voltage, high current and more. A switch panel used to control chuck vacuum, EMO and air flow is also supplied for external probe system control. The back of the dark box has a removable panel to allow the user to easily get access to the back of the probe system, optics, thermal chuck and more. A rear light baffle allows stage, thermal chuck and optics cables to be fed through the rear of the dark box. The dark box has bottom options and can be placed on a vibration isolation table or an existing bench or table.



The SemiProbe roll top dark box is available in two (2) configurations – integrated on a vibration isolation table or as a stand-alone system with a bottom that fits on existing lab benches or tables. When used with a vibration isolation table the dark box is attached to a perimeter structure and is mounted onto the legs of the table. The probe system in the dark box is completely isolated from mechanical vibrations caused by touching the outside of the dark box. Purchased as a stand-alone system, the dark box has a full bottom and sits on a user-provided table.



OPTIONS & ACCESSORIES

200 mm and 300 mm versions with and without bases, **Test Interface Panels** (removable panels on either side of the dark box can be ordered with any number of bulkhead connector types to connect to test instrumentation), **Monitor & Keyboard Mounts, Lights, Safety Interlocks and more.**

SPECIFICATIONS

Up to 200 mm Systems (Manual, Semiautomatic and Fully Automatic)

