

High Voltage Test Enclosure

The high voltage test enclosure are desi-gned to be used with all kinds of electrical safety test instru-ments. They form the perfect complement to the electrical safety test devices from Associated Research or Slaughter

The test hoods are made of stable and highly isolating plastic and are closed by a swiveling transparent hood. The built-in safety switch is used for the lock of the hood and the release of the high voltage sources. This helps to en-sure that no high voltage is active when the hood is open. Located in the bottom of the test cage there is a generously dimensioned space for wiring. An exchangeable adapter plate in the hood – optionally with interchangeable interface – allows a quick adjustment to different types of DUT.

Prepared cut-outs enable the simple assembly of connec-tors and other current interfaces or cable entry grommets. Opening and closing of the hood can be handled nearly without any effort due to precise adjusted gas springs. The ball bearing of the hood is construed for high numbers of cycles on production test floor.

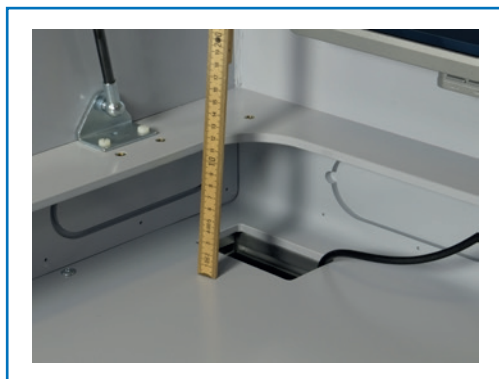


Specifications

Dimensions (WxHxD)	Outside: 940 x 640 x 716 mm Interior Space: 750 x 460 x 500 mm
Permissible Operating Voltage	Max. 10 kV <=2000m ASL throughout the interior space
Standard Conformity	EN50191 / EN61010-1
Pollution Degree	1
Material	PVC light grey / transparent
Gas Spring / Ball Bearing	Extremely low-maintenance components for high number of cycles

Options

- Mobile underframe with assembly plane for test devices, scanner, personal computers etc.
- System power supply with emergency power-off-function
- Signal lights in the test hood ideally installed in sight of user
- Keyboard / mouse and monitor e.g. on side arm or in the hood with keyboard drawer



Customized Solutions

Apart from standard test hoods we also deliver customer specific safety compliance test solutions consisting of test hood, mobile underframe and various add-ons:

- Integrated PC or connection to an external PC
 - Optional high voltage matrix and high current multiplexer
 - Optional barcode / QR-code scanner
 - Customer specific finishing and DUT adaption as well as AC adapter also for higher voltages
- Delivery as CE compliant turn-key solution

