

SAFETY TEST CABINET

PA 503

max. test voltage
6 kV / 10 kV

Safety interlock
switch

warning lights
acc. to VDE 0104



The safety test cabinet PA 503 is designed for high-voltage testing of components and PCB's etc. The transparent cabinet prevents accidental contact with live parts of the test object, yet allows observation of the test object during testing.

Upon lifting of the cover, the safety interlock loop of the high-voltage generator is interrupted and the generator is switched off, the test object and the generators energy storage capacitor are discharged.

TECHNICAL SPECIFICATIONS	PA 503
Test cabinet incl. limit switch connected to safety interlock loop of the generator, red and green warning lamps	up to 10 kV-peak
High-voltage output connector	4 mm \varnothing
HV-cable	1.0 m long
Protective ground terminal, screw	M 6
Safety interlock connector	break contact, 24V-dc
Safety interlock interconnection cable	1.0 m long
Red and green warning lights acc. to VDE 0104	220V / 10 W
Interconnection cable	1.0 m long
Dimensions W * H * D	470 * 280 * 490 mm ³
Test space W * H * D	400 * 140 * 250 mm ³
Weight	8 kg

Option	
Impulse voltage divider	built-in
Max. input voltage, 10 kV / 1.2/50 μ s	ratio 1000:1 \pm 2 %
Option	
High-voltage output connector system	THT 20
HV-cable with THT20 plugs	1.0 m long
Option	
Coupling resistor acc. to CCITT / ITU	2 * 25 Ω
Max. impulse test voltage, 10/700 μ s	6 kV
Option	
Coupling resistor acc. to CCITT / ITU	4 * 100 Ω
Max. impulse test voltage, 10/700 μ s	6 kV