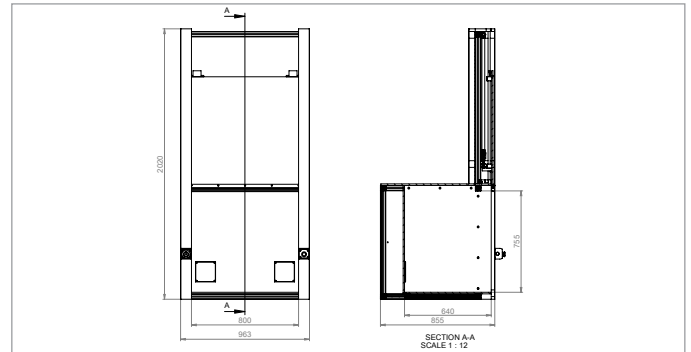


# DATA SHEET

## Accessories: Test cage FK 1000A



Test cage FK 1000A with trapdoor

<b>Description</b>	For test station installations in which a necessary protection against contact is required test cages are particularly well suited. Through to the trapdoor the DUT cannot be touched during the generation of dangerous voltages. Once the trapdoor is opened there is a forced switch-off of the dangerous voltage. Test cages with trapdoor are mainly used when high numbers of DUT with a high weight are to be tested ergonomically. The trapdoor is moved pneumatically, the operator merely has to press a button, not move any mechanics.	
<b>FK 1000A</b>	<ul style="list-style-type: none"> <li>• Setup made of aluminium profile 40 x 40 mm (1.6 x 1.6 in.)</li> <li>• Fully insulated test room made of PVC (colour: RAL 7011), casing made of Pertinax (colour: RAL 7035)</li> <li>• Pneumatically moving trap door made of polycarbonate (PC) with safety edge</li> <li>• Positively driven safety limit switch</li> <li>• External dimensions (HxWxD): 2,020 x 963 x 855 mm (79.5 x 37.9 x 33.7 in.)</li> <li>• Internal dimensions (HxWxD): 755 x 800 x 640 mm (29.7 x 31.5 x 25.2 in.)</li> </ul>	
<b>Variants</b>	Simple test hoods	For simple tests of small quantities test hoods with swivelling acrylic glass hoods are offered. These are available with or without device compartment to integrate a test device. In addition, depending on the application, different connection sets are available.
	Tandem test hood	For large quantities so-called tandem test hoods are also a good solution. Here two equal test areas are available. While it is tested in one test area, the other one can be loaded or unloaded at the same time. In a similar test and handling time the result is an optimum utilization of human and machine. Tandem test hoods can be equipped with swivelling acrylic glass hoods, movable test hoods or also with safety light curtain.
	Test cage with light curtain	Instead of an acrylic glass hood also a safety light curtain can be used. This version meets the same requirements is, however, more convenient in handling because the test personnel does not need to operate the hood by hand. This is especially important with high quantities.

### Versions

Design types	Specialty	Max. dimensions of DUT (HxWxD) in mm (in.)	Type
Simple test hood	Device compartment 19" / 5 HU	180 x 410 x 350 (7.1 x 16.1 x 13.8)	HB 2100A
Simple test hood	Standard	200 x 500 x 350 (7.9 x 19.7 x 13.8)	HB 3400A
Extra wide test hood	Device compartment 19" / 5 HU	350 x 580 x 700 (13.8 x 22.8 x 27.6)	HB 5000A
Extra wide test hood	Double width, device compartment 2 x 19" / 4 HU	300 x 700 x 400 (11.8 x 27.6 x 15.7)	HB 6000A
Extra wide test hood	Double width, device compartment 2 x 19" / 5 HU	300 x 1,200 x 400 (11.8 x 47.2 x 15.7)	HB 7000A
Tandem test hood	Sliding hood, device compartment 2 x 19" / 3 HU	400 x 568 x 580 (15.7 x 22.4 x 22.8)	TK 6000A
Tandem test hood	Sliding hood	450 x 500 x 680 (17.7 x 19.7 x 26.8)	TK 7000A
Test cage with trapdoor	Trapdoor	755 x 800 x 640 (29.7 x 31.5 x 25.2)	FK 1000A
Test cage with light curtain	Light curtain on one side	790 x 640 x 660 (31.1 x 25.2 x 26.0)	PK 2000A
Test cage with light curtain	Double width, displaced foot space	940 x 1,890 x 975 (37.0 x 74.4 x 38.4)	PK 6000A
Test cage with light curtain	Device compartment 19" / 16 HU, displaced foot space	945 x 1,010 x 800 (37.2 x 39.8 x 31.5)	PK 7000A