



Manual clamping devices in combination with a solid clamping system provides an optimal sealing of the test room.



Electrical deflection sensor provides accurate results about the deformation of the test block.



The upper test chamber cover can be positioned easily and is also available with motor drive*.

Authentic, precise and durable

The **KS Test Rig** for windows, doors, gates, shutters and curtain walls

Air leakage measurements, water tightness tests and wind resistance tests according to European and international standards will be conducted with the KS Test Rig. It is characterized by a reliable continuous operation and provides ac-

curate test readings about quality and function of the test elements.

Numerous materials, makes and sizes of windows can be tested on the equipment. It is available standard in three different formats

of heights and widths, as well as available in two construction depths.

On request we will be pleased to fit the size to your requirements and available space at your site.

Advantages of the KS Test Rig

- Easy to handle
- Durable, solid construction
- Base plate of stainless steel
- Stable clamping system
- Force-fit assemblage proven by KS Clamping System
- Operator near test block
- Pneumatic quick release*
- Electronic deflection sensor*
- Special size realizable
- Not necessary the mounting of the test block in the frame
- Suitable for different materials and makes
- Size of the elements flexible testable
- Upper test chamber cover is electronically adjustable*
- Low maintenance
- EC- conform
- Size according to customer requirements to implement

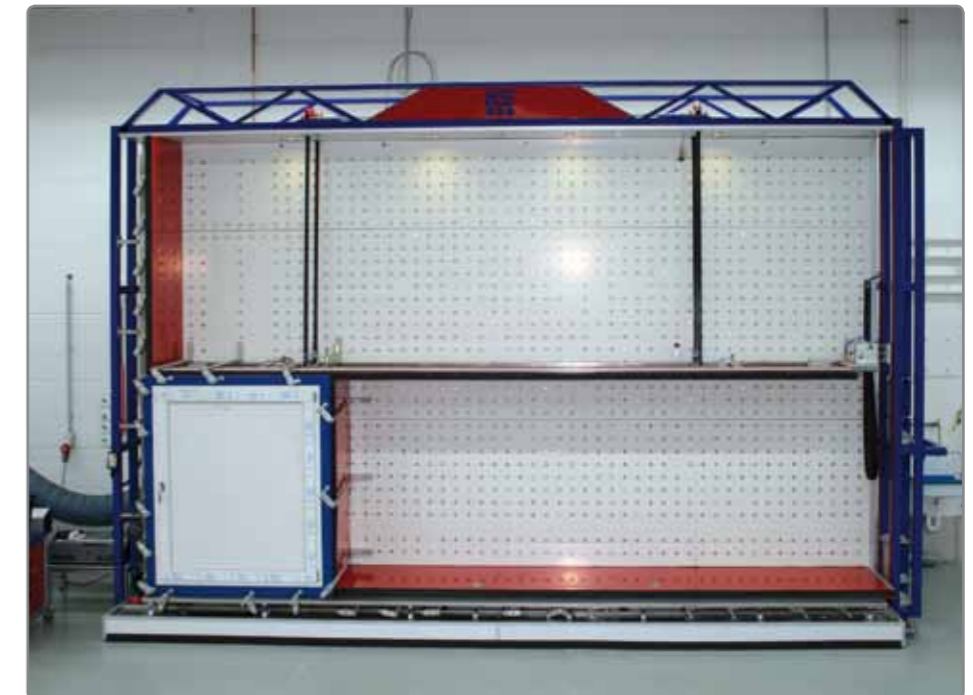


Fig. shows a special model: lightning, rotary fixtures, upper test chamber cover electrically adjustable.

Test standards, Germany, Europe

Test area	Air permeability	Water tightness	Wind resistance at wind load
Windows and doors	EN 1026 EN 12207 EN 14351-1 § 4.14	EN 1027 EN 12208	EN 12210 EN 12211
Curtain walls	EN 12152 EN 12153	EN 12154 EN 12155	EN 12179 EN 13116
Gates	EN 12426 EN 12427	EN 12425 EN 12489	EN 12424 EN 12444
Shutters (external connections)			EN 13659

Test run:

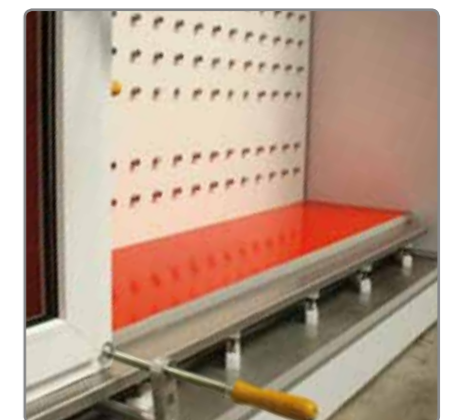
Brasilien	ABNT NBR 10821-2§6.1 ABNT NBR 10821-3§5-7
Chile	NCH 446 NCH 890 NCH 891 NCH 892
Argentinien	IRAM 11507-5 RAM 11523 IRAM 11590 IRAM 11591
Amerika	ASTM E 283-04 / ASTM E 330-02 / ASTM E 331-00 / ASTM E 2268-04 / AAMA 501

Technical data KS Test Rig

Prüfanlage	KS 2223	KS 3025	KS 4040
Test block width	2.200 mm	3.000 mm	4.000 mm
Test block height	2.300 mm	2.500 mm	4.000 mm
Test room depth	450 mm	450 mm	450 mm
or	650 mm	650 mm	650 mm
External measures width	3.010 mm	3.710 mm	4.710 mm
External measures height	3.100 mm	3.800 mm	4.800 mm
External measure depth	890 mm	890 mm	1.500 mm
or	1.090 mm	1.090 mm	1.700 mm

Other sizes without additional charge possible.

* Optional available



Stainless steel base plate made of stainless steel. Interior wall with aluminium coating.

Furthermore test standards that can be tested with KS Test Rigs:
Instruction of the resistance of external wall systems according EN 12865
Air permeability of components EN 12114
Air tightness of shutter boxes according ift-guide line AB-02/1