

Cement and Mortar Testing Devices



Manual Centring Compression Test Device

Type DV 40 – H

This device is especially designed to carry out tests on broken mortar or cement prisms 4 x 4 x 16 cm according to EN 196-1. To be placed into the compression area in testing machines. The platens are made from alloy metal to assure a long durability. The upper platen is spherically seated with a mechanical horizontal and vertical orientation to assure no loop alignment error to the lower platen. An exact centring of the specimen is provided by a easy to use manual device.

Technical Data	DV 40 - H
Standards	EN 196 - 1, EN ISO 679, ASTM C349
Dimensions	Ø 175 x height 218 mm
Weight	14.5 kg



Automatic Centring Compression Test Device

Type DV 40 - A

This device is especially designed to carry out tests on broken mortar or cement prisms 4 x 4 x 16 cm according to EN 196-1. To be placed into the compression area in testing machines. The platens are made from alloy metal to assure a long durability. The upper platen is spherically seated with a mechanical horizontal and vertical orientation to assure no loop alignment error to the lower platen. An exact centering of the specimen is provided by a automatic system pneumatic or hydraulic operated that guarantees repeatability.

Technical Data	DV 40 - A
Standards	EN 196 - 1, EN ISO 679, ASTM C349
Dimensions	Ø 175 x height 218 mm
Weight	14.5 kg



Compression Test Device

Type DV 50

For compression testing of mortar or cement prisms 50 mm / 2 inches according to ASTM C109. To be placed into the compression area in testing machines. An exact centring of the specimen is provided by a easy to use manual device. The platens are hardened (60HRc). The upper platen is spherically seated.

Technical Data	DV 50
Standards	ASTM C109
Dimensions	Ø 200 x height 218 mm
Weight	17.5 kg



Compression Test Device

Type DV 40 – 40

This compression device is especially designed for the determination of the compressive strength of mortar or gypsum sample prisms according to EN 196-1. To be placed into the flexural area of cement testing machines. The platens are made from alloy metal to assure a long durability. The upper platen is spherically seated. The device can be very easily placed into the flexural test space to assure a large resolution at lower forces.

Technical Data	DV 40 - 40
Standards	EN 196 - 1
Dimensions	Ø 65 x 150 mm
Weight	2.5 kg

E-Modulus Compression Test Device

Type DV – E

This compression device is specially designed to perform E-Module tests on low strength mortar or cement samples 40 x 40 x 160 mm according to EN 196 - 1. To be placed into the bending area in testing machines. The device can be very easily placed into the flexural test space to assure a large resolution at lower forces. The upper platen is spherically seated.

Technical Data	DV - E
Standards	EN 196 - 1
Dimensions	Ø 60 x height 50 mm
Weight	1.2 kg

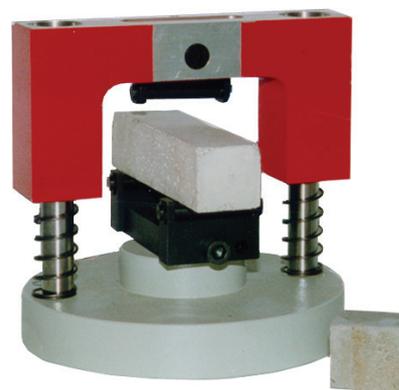


Flexural Test Device

Type BV 10

Especially designed to carry out bending tests on mortar or cement prisms 4 x 4 x 16 cm according to EN 196 - 1. To be placed into the compression area in testing machines. The upper bearer moves vertically. One of the two lower bearers and the upper one can tilt horizontally. The distance between the two bearers is 100 mm.

Technical Data	BV 10
Standards	EN 196 - 1, EN 413 - 2
Dimensions	Ø 200 x height 210 mm
Weight	7.5 kg



Splitting Tensile Test Device

Type SP 100

To insert into compression frame for testing carrots cylinders. Diameter: 5 to 10 cm. Max. length of specimen: 20 cm.

Technical Data	SP 100
Standards	EN 196 - 1
Dimensions	210 x 150 mm
Weight	1 kg



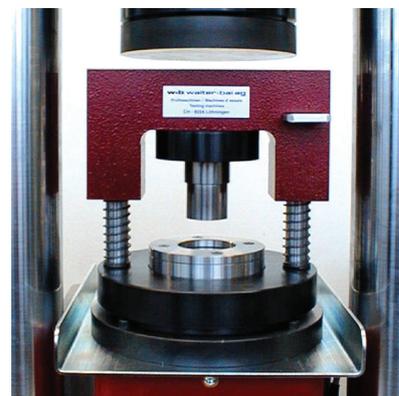
Press Device

Type PVP 40

This compression device is especially designed for the sample preparation of granulates, powder or other pressed pellet-samples. To be placed into the compression area in testing machines. This compression device is used to produce pellets samples needed for X-ray fluorescence analysis, testing of building lime according to EN 459 - 2, barytspats or other samples. It allows to produce pellets in the compression testing machine and it is not necessary to purchase a separate pellet press.



Technical Data	PVP 40
Standards	Various
Dimensions	Ø 200 x height 220 mm
Weight	10 kg



Compression and Spacer Platens

To test various cubes or cylinders in the compression area of cement testing machines. Spacer platens are used to reduce the test chamber height. 1 platen Ø 175 mm x 40 mm and 4 intermediate platens Ø 175 x 40 mm or as requested.

