

## DATA SHEET

### Compression Devices for Cement and Mortars



50-C9030

#### General description

Robust frame fitted with an upper platen with spherical seat that moves vertically sustained by a spring. The apparatus can be placed and centered directly on the lower machine platen. The 50-C9030 and 50-C9032/H, conforming to EN 196 are designed to test portions of 40x40x160 prisms broken in flexure, while the 50-C9032, conforming to ASTM C109, fitted with compression platens 75 mm dia., and a vertical daylight of 53 mm is used to test 50mm/2" cubes and other little samples as, for example, microcores. The model 50-C9031 is similar to C9030 but with compression platens 40 x 62.5 mm instead of 40 x 40 mm.

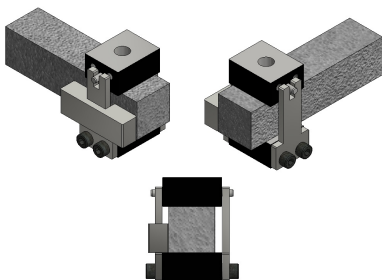
The total height of both 50-C9030, 50-C9031 and 50-C9032 apparatus is 195 mm while it's 225mm for model 50-C9030/H and 50-C9032/H.

Vertical clearance of the compression machine has to be adjusted using suitable distance pieces accordingly. See accessories

Weight approx.: 8 kg

#### Standards

- ASTM C109
- ASTM C349
- EN 196



50-C9030/A

## DATA SHEET



50-C9032



50-C9030/H, high stiffness model



50-C9032/H, high stiffness model

## Products

### 50-C9030

Compression device to test portions of 40 x 40 x 160 mm mortar prism broken in flexure to EN 196-1. Total height 195mm.

### 50-C9030/H

Compression device to test portions of 40 x 40 x 160 mm mortar prism broken in flexure to EN 196-1. High stiffness model with 3-columns frame. Total height 225 mm

## DATA SHEET

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### 50-C9030/HC

Compression device to test portions of 40 x 40 x 160 mm mortar prism broken in flexure to EN 196-1. High stiffness model with 3-columns frame. Supplied complete with traceable certificate of hardness. Total height 225 mm

### 50-C9032/H

Compression device to test 50 mm (2") mortar cubes. High stiffness model with 3-columns frame. Total height 225 mm

### 50-C9032

Compression device to test 50 mm (2") mortar cubes. Total height 195mm

### 50-C9030/C

Compression device to test portions of 40x40x160 prisms broken in flexure to EN 196-1. Total height 195mm. Supplied complete with hardness certificate.

### 50-C9032/C

Compression device to test 50 mm and 2" mortar cubes to ASTM C109  
Total height 195 mm. Supplied complete with hardness certificate.

### 50-C9032/HC

Compression device to test 50 mm (2") mortar cubes. High stiffness model with 3-columns frame. Supplied complete with traceable certificate of hardness. Total height 225 mm

### 50-C9030/A

Compression device to test portions of 40x40x160mm mortar prism previously broken in flexure to ASTM C349. Compression platens 40x50.8 mm.

### 50-C9031

Compression device to test portions of 40x40x160 mm mortar prisms broken in flexure. Compression platens 40x62.5 mm.