

Flexural frame for std beams, 150 kN cap.

EN 12390-5 | ASTM C78 | ASTM C293

MAIN FEATURES

- For testing concrete beams having 100x100mm and 150x150mm square sections
- Complete with bearers
- For center and third point loading
- Connectable to control consoles, Automax and Pilot compression machines
- Piston return by counterweights

GENERAL DESCRIPTION

A simple and practical frame developed for testing on standard concrete beams. The distance of both pair of loading and support rollers can be easily adjusted: one of the two upper rollers can be removed and the other placed in the centre for centre point loading test.

TECHNICAL SPECIFICATIONS

Max. load capacity kN	150
Load sensor	Pressure transducer
Max. vertical clearance mm	158
Horizontal clearance mm	185
Roller size mm	40 dia. x 160 long
Distance between upper rollers mm	150, 100 or single roller
Distance between lower rollers mm	450 and 300
Piston travel mm	75
Overall dimensions (lxwxh) mm, frame only	455 x 560x 960
Overall dimensions (lxwxl) mm, including pedestal	455 x 560x 1575
Weight approx. kg, frame only	150
Including pedestal	173

ORDERING INFO

50-C0920/FR

150 kN cap. flexure frame complete with rollers, pressure transducer and connection kit for connection to control consoles. Pedestal available as accessory.

DATA SHEET

ACCESSORIES

50-C0920/B

Frame pedestal, 455x465x 615 mm (W x L x H), Weight 23 kg.

50-C0920/1

Compression platens dia.165x30mm

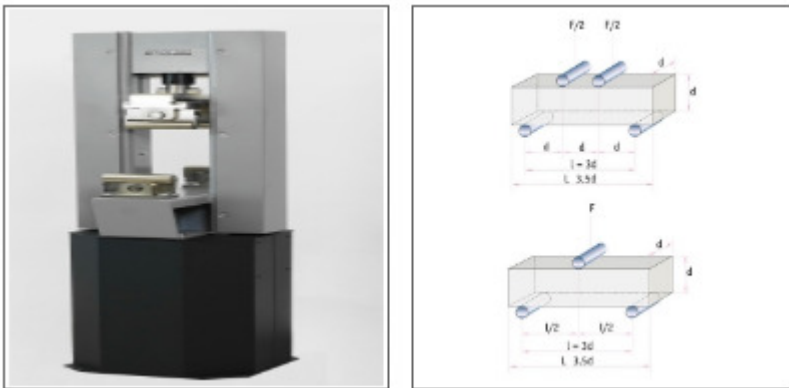
50-C0920/2

Piston travel limit switch

UPGRADING

Special calibration procedures

The above upgrading is suitable if the frame is connected to automatic testing machines or control consoles.



Flexural frame 150 kN cap. complete with loading bearers 50-C0920/FR

Flexural test: two point loading and center point loading