

Compression and Flexure Testing

50

Flexure Frames by CONTROLS



50-C9000/FR



50-C1200/BFR 50-C1201/BFR

Flexure frame for standard beams, 100kN

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.

Universal flexure frame, 100-150kN

This versatile flexural frame has been designed to test either standard concrete beams or other concrete products as the roomy testing place can accommodate large specimens. Two versions: with pressure transducer, 150 kN cap., and with load cell, 100 kN cap., granting high accuracy for testing low strength specimens.



50-C1601/*

Universal open structure flexural frame 300 kN

UNIFLEX 300 flexural frame has been designed to satisfy the stringent requirements prescribed by the standards concerning, above all, the determination of deformability and ductility index of sprayed concrete and fiber reinforced concrete. The "C" shaped open structure allows an easy and practical front loading but, once the specimen is in the loading position, the structure is closed by a vertical rod hydraulically clamped and controlled assuring high rigidity. Fitted with high precision strain gauge load cell for accurate and reliable test results. Tests can be performed under control of both displacement and strain rate.



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