

HYDRAULIC FLEXURAL-COMPRESSION-TENSILE TESTING MACHINE

Hydraulic Flexural-Compression-Tensile Testing Machine is used in 3-point and 4-point Flexural Tests, Compression and Tensile tests of different construction materials.

It is produced with a capacity of 100 kN.

With the help of the jaws on the upper part of the device, it allows Tensile tests of cylinder and flat materials with diameters between 0-8 mm.

3-point and 4-point Flexural Tests can be performed by using the Flexural Testing Assembly for Concrete Beams at the bottom of the device.

Compression tests also can be performed by using the Upper Platen (with ball seating assembly) and Lower platen.

The speed range can be adjusted manually or automatically.

Supplied with Automatic Hydraulic Power Pack and Digital Data Acquisition & Control System.

A displacement sensor is used to measure the elongation in tensile tests.

Load Cell is used for load measurements in flexural and compression tests.

HİRA Flexural-Compression-Tensile Software is provided free of charge with the device.

Flexural Testing Assembly for Concrete Beams should be ordered separately.

Upper Platen (with ball seating assembly) and Lower platen should be ordered separately.

HR-H0200



Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-H0200	Hydraulic Flexural-Compression-Tensile Testing Machine	105x100x230	370	220 V, 50-60 Hz, 1 ph

Spare Parts & Accessories:

Product Code	Product Name	Power Supply
HR-H0200/1	Hydraulic Flexural-Compression-Tensile Testing Frame	---
HR-G0982	Load Cell, 100 kN capacity	---
HR-H7000	Hydraulic Power Pack and Digital Data Acquisition & Control System	220 V, 50-60 Hz, 1 ph
HR-H7000/1	Software	---
HR-G0975	Computer & Printer	220 V, 50-60 Hz, 1 ph
HR-H0200/2	Jaws for tensile tests	---
HR-C5050	Flexural Testing Assembly for Concrete Beams	---
HR-H0200/3	Upper Platen (with ball seating assembly)	---
HR-H0200/4	Lower platen	---