

**Technical Specifications:**

Product Name	Automatic Flexural Testing Machines, Touch Screen		
Product Code	HR-C5000/TS	HR-C5005/TS	HR-C5010/TS
Type	U Type	U Type	U Type
Capacity (kN)	100	200	300
Ram Travel (mm)	50		
Max. Vertical clearance (mm)	405 (without accessories)		
Max. Horizontal clearance (mm)	1000		
Max. Clearance Between Lower Rollers (mm)	890		
Class 1 range	1-100 kN	3-200 kN	3-300 kN

**Safety Features**

- Maximum pressure valves to avoid machine overloading
- Piston travel limit switch
- Emergency stop button
- Software controlled maximum load value

**Technical Specifications:**

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-C5000/TS	100 kN Automatic Flexural Testing Machine, U Type	119x100x100	300	220 V, 50-60 Hz, 1 ph
HR-C5005/TS	200 kN Automatic Flexural Testing Machine, U Type	119x100x100	325	220 V, 50-60 Hz, 1 ph
HR-C5010/TS	300 kN Automatic Flexural Testing Machine, U Type	119x100x100	400	220 V, 50-60 Hz, 1 ph

**Spare Parts & Accessories:**

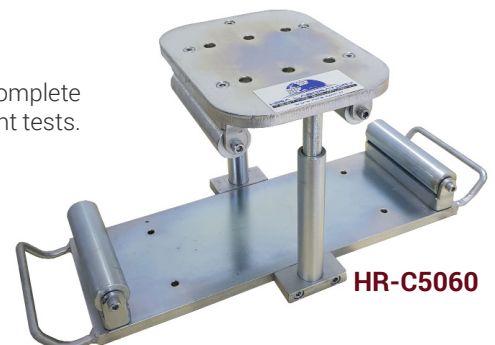
Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-C5000/1	100 kN Flexural Testing Frame, U Type	81x100x100	200	---
HR-C5005/1	200 kN Flexural Testing Frame, U Type	81x100x100	225	---
HR-C5010/1	300 kN Flexural Testing Frame, U Type	81x100x100	300	---
HR-C8000/TS	Hydraulic Power Pack and H-Touch Pro Max Control Unit	36x38x91	100	220 V, 50-60 Hz, 1 ph
HR-C8001	Hydraulic Power Pack	36x38x91	100	220 V, 50-60 Hz, 1 ph
HR-C8002/TS	H-Touch Pro Max Control Unit	---	---	220 V, 50-60 Hz, 1 ph
HR-G0982	Load Cell, 100 kN capacity	---	---	---
HR-G0983	Load Cell, 200 kN capacity	---	---	---
HR-G0984	Load Cell, 300 kN capacity	---	---	---
HR-C8003	High Precision Pressure Transducer (optional)	---	---	---
HR-C8004/TS	H-GUI Software	---	---	---
HR-G0975	Computer & Printer	---	---	220 V, 50-60 Hz, 1 ph
HR-G0975/1	Usb to com port Converter	---	---	---
HR-G0979	Thermal Printer	---	---	---
HR-G0979/1	Thermal Printer roll for printer (pack of 10 rolls)	---	---	---

## FLEXURAL DEVICE ON CONCRETE BEAMS

STANDARDS: EN 12390-5, ASTM C78, C293, AASHTO T 97, BS 1881:118

Flexural device for two points and centre point tests on concrete beams is complete with two lower rollers, one of them articulated, and two upper rollers for third point tests.

- Two fix distances between lower rollers: 300 and 450 mm
  - Two fix distances between upper rollers: 100 and 150 mm
- It is possible to place in the centre only one upper roller for centre point tests.



**HR-C5060**

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-C5060	Flexural Device on Concrete Beams	26x63x29	28