

Hydraulic Cement Compression and Flexural test machine with Touch Screen Controller (double piston, dual capacity)





Capacity of Machine:	100-500 KN compression/ 10-100 kN flexural (contact us for different capacities)
Frame Type:	Rigid frame in 2-Column construction.
Controller:	Sematron Touch (Touch Screen)
Speed of Load Control:	0,05 kN/s – 15kN/s
Max. Compression Test Space:	Up to 210 mm (contact us for other dimensions)
No. of Channels:	4







## **General Specifications:**

Hydraulic cement compression with Touch Screen controller test machine with **Instant-Servo Technology** (introduced by Besmak) has a closed - loop system, it means this machine works automatically.

2-Coulumn Frame; every column has screws to adjust the frame for perfect calibration.

Upper platen is ball seat unit and lower platen is constant.

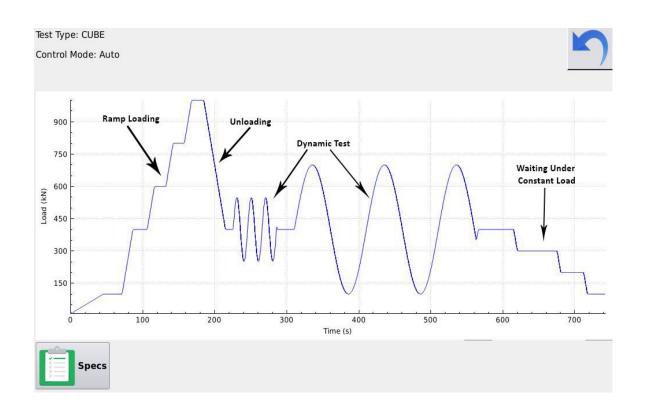
It has a limit-switch attached to the front door of the machine for safety (when the door is opened machine stops working)

The controller unit supports the loading force from 0.05kN/sec. to 15kN/sec.

At the end of the test process to start a new test the piston returns to default position.

Controller unit has a simple and compact configuration.

Software provides test data, results, and the load-time/stress-time graphs can be seen at computer and also can be saved or not according to requirement.





## **Controller Features:**

BESMAK Hydraulic cement compression / flexural machines are controlled by Sematron Touch Screen controller unit.

## **General Features of Data Acquisition and Control System:**

- Capacitive touch screen.
- USB port to get results directly from LCD without use of pc.
- Accurate loading.
- Email results directly from LCD.
- Software update feature.
- Remote help through internet from turkey.
- 4 channels.
- Automatic calibration
- Closed loop and open loop control
- Show results in pdf and can be converted in Excel
- Direct print feature from LCD
- Can connect to internet directly to the LCD through USB or LAN.
- User friendly, easy to customized.
- Communication with PC through LAN cable. Etc.

