

CONCRETE PIPE COMPRESSION MACHINES

EN 1916, ASTM C301, C497

Compression pipe testing machine was designed to conduct vertex compression testing with full load testing without impact or blows on tubes and preformed parts which are made of concrete, steel fibre concrete and reinforced concrete.

Test pipes with dimension 450 mm - 1000 mm

Lenght max. 2500 mm

Load Capacity is 1000 kN,

SPECIFICATIONS:

Product Code : BCO-114/5 300 kN  
 BCO-114/6 1000 kN  
 Power Supply: 220 V 50 Hz



FULL AUTOMATIC HYDRAULIC UNIT

SPECIFICATIONS:

- Product Code: BCO-113/13
- 240\*120 pixel blue-white graphic LCD display
- High resolution 65.000 points
- Backlight function
- Capability of contrast calibration by light
- 18 key touch membrane keyboard
- CPU card by microprocessor 32 bit ARM risk architecture
- Two analogical and two digital channels, use for load cell or pressure transducer etc.
- Standalone full automatic testing capacity
- Can make manual tests if requested
- A sample type and dimension can be entered with respect to the standards
- Load-Time, Tensile-Time, Test Results and Sample reports observable and printable
- RS232C (optional Ethernet) connection at 57600 band
- One RS232 serial port for connecting either PC or printer for data transmission
- Comes with Connection cable and software.
- Large permanent memory up to 256 test results
- Easy to operate with 6 main function keys
- Language select, English - Turkish
- Can control two frames

### DIGITAL CONTROLLER READOUT UNIT

LCD graphics data acquisition and controls system SEMATRON is designed to control the machine and processing data from load cells or pressure transducers installed on the compression machine frame. Easy to read LCD graphics display and touch-button data pad keys make the unit quick and straight forward to operate. All interactions with the measuring system are via the front control panel by using simple menu-driven procedures. The SEMATRON is contained in light alloy housing and it's design satisfies the ergonomic requirements for various use. The SEMATRON digital allows real time load us time graph. At the end of the test cycle, the results can be stored in the large memory or downloaded to a PC in SEMATRON software format. Dedicated software package is available for further online data processing data base management and certificate printing.



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