

# Compression and Flexure Testing

50

## Concrete Compression Testers Semi-automatic Machines (Standard) by Controls

The Controls range of standard semi-automatic compression machines are cost effective, hard working and reliable, designed for field and laboratory use, and conform to Australian and international standards.

Models:

- 50-C34B2      1500kN capacity
- 50-C44B2      2000kN capacity
- 50-C54B2      3000kN capacity



50-C34B2  
with 50-Q0701/UP1

**Wizard**

**Strength measurement  
by Wizard Display unit**

(Models 50-C36B2, 50-C46B2, 50-C56B2)



Wizard digital display  
fitted with 50-Q0701/UP1 printer

**Main features**

- 7 keys membrane keyboard, 4 of which interactive with the specific software
- Graphic display 128x64 pixel
- Permanent memory for up to 180 test data
- Resolution: 1/65000 (better than 0.05 % of full scale)
- Serial port for PC

**General specifications**

Unit and language selection, set up of specimen shape and dimension, easy preload zeroing, real time display of load, stress and test rate (nominal and real), digital calibration, user friendly navigation of memory.

**Printer option**

The WIZARD unit can be fitted with a serial printer, which has to be factory installed. For this option ask for code:

- 50-Q0701/UP1  
Serial printer for Wizard unit

**Main features of the printer**

- Direct thermal printing
- Resolution: 8 dots/mm
- Print width: 48 mm
- Printing speed: 50 mm/s
- Paper size: 57 mm wide roll, 40 mm dia.

**Features:**

- Rigid welded steel frame
- High volume-low pressure feature for fast approach ram action, and change over to low volume-high pressure for testing.
- Fitted with a special pressure compensated flow control valve which allows for a precise rate of loading over the complete test.
- Wizard digital display and microprocessor with printer option