126 Oxford Street, Collingwood
PO Box 1174, Collingwood, Vic 3066, Australia
Tel: +61-3-94175688   Fax: +61-3-94171578
Web: www.auscal.com.au
Email: acs@auscal.com.au
A.B.N. 33 623 153 736

AUSTRALIAN CALIBRATING SERVICES
A Trescal company

NATA WORLD RECOGNISED ACCREDITATION

TruForce | Compression Testing Machine | TF-1500kN

TRUFORCE 1500kN COMPRESSION TESTING MACHINE

This Machine has been designed to meet the requirements of a laboratory that does not have the volume of tests that require fully automated testing machines.

The Machine comes with all the modern features including, 4-column construction, hydraulic power pack, and digital readout with latest microprocessor digital technology.

Specifications:

Overall dimensions:
L 390mm x W 415mm x H 870mm

Maximum vertical clearance of platens:
320mm

Horizontal clearance:
275mm (between columns)

Lower & Upper platen diameter:
222mm

Ram travel:
30mm

Weight:
450kg

Power required:
240V 50Hz 1400W

Machine comes complete with spacers to enable the testing of standard 300 and 200mm height concrete cylinders.

126 Oxford Street, Collingwood
PO Box 1174, Collingwood, Vic 3066, Australia
Tel: +61-3-94175688   Fax: +61-3-94171578
Web: www.auscal.com.au
Email: acs@auscal.com.au
A.B.N. 33 623 153 736

AUSTRALIAN CALIBRATING SERVICES
A Trescal company

NATA
WORLD RECOGNISED
ACCREDITATION

TruForce   Compression Testing Machine | TF-1500kN

TRUFORCE 1500kN COMPRESSION TESTING MACHINE

Specification of the Truforce Digital Indicator
- Configurable Engineering Unit for machine selection.
- Pre-defined Machine capacities for each engineering unit. Specific capacity can be selected from the drop down menu.
- Flexible Calibration Points. Calibration can be done on 5 to 10 points.
- Peak Load, Peak Stress, Unique Record no is displayed.
- Indicator has provisions to configure more than one Mode Model –Compression / Mode2-Flexure/Mode3-Prism Testing/Mode4-Tensile Splitting strength. Each mode will have independent calibration points and calibration points are also flexible.
- Mode-4 runs with Mode-1 calibration.
- Calibration can be done in b/w 1% - 100% of the capacity of machine.
- Any centronics dot matrix Printer.
- Menu driven sample details.
- Data storage more than 200 records.
- Data Download thru RS232 in ASCII format.
- Pace Rate span will be +/-5%, +/-10% and +/-20%. It is user selectable.
- User can set break point.
- Store records can be viewed and print.
- Peak stress calculation based on sample type and shape
- Easy to operate.
- Password protection for system and calibration setup.
- 2% overload facility to calibrate the machine up to full capacity.
- Start, Stop, Pause & Reset.
- Multifunction Keyboard.