

TMA-YES-2000

Digital Display Hydraulic Compression Testing Machine



Standard: ISO 7500-1 ASTM E4.

Application: This machine is designed to conduct compression and crushing strength tests on containers, concrete cube & cylinders, hollow blocks and various other material in accordance with international standards. The machine is electro-hydraulically operated. The control panel comprises of hydraulic power pack, digital readout system, operating switches, load control valves, output print-out of test data.

Feature:

1. Efficient hydraulic power packs
2. Economic machine ideal for site use
3. Designed to meet the need for a simple, economic and reliable means of testing concrete
4. The dimension of the frame allow the testing of cylinder up to 320mm long *160mm motor and any arbitrary size
5. Digital readout is microprocessor controlled instrument which is fitted as standard to all digital machines in the range
6. Calibrated accuracy and repeatability is better than 1% over the upper 90% of the working range

TMA-YES-3000

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Application: this machine is designed to conduct compression and crushing strength tests on containers, concrete cube & cylinders, hollow blocks and various other material in accordance with international standards. The machine is electro-hydraulically operated. The control panel comprises of hydraulic power pack, digital readout system, operating switches, load control values, output print-out of test data.

Feature:

1. Efficient hydraulic power packs
2. Economic machine ideal for site use
3. Designed to meet the need for a simple, economic and reliable means of testing concrete
4. When the test force exceeds the maximum test force of 3 %, the machine will overload protection, oil pump and motor will shutdown

5. Digital readout is microprocessor controlled instrument which is fitted as standard to all digital machines in the range

6. Calibrated accuracy and repeatability is better than 1% over the upper 90% of the working range

Specification:

| | |
|---|----------------------|
| Mode | YES-3000B |
| Max Test Force | 3000KN |
| Measuring range | 0-3000KN |
| Relative indication error | ±1% |
| Size of the bearing plate | 320*320*50 mm |
| Diameter Of Piston | φ250mm |
| Distance between up and down bearing plates | 330 mm |
| Distance Between Columns | 370*240 mm |
| Piston stroke | 60mm |
| Rated pressure of the hydraulic pump | 40mpa |
| Minimum piston lift speed: | 50mm/min |
| Piston free back speed | 20mm/min |
| Noise | ≤80dB |
| Power | 380v |
| Dimension mm | 1070*450*1500 |
| Weight | 1450kg |





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