

Concrete and cement pipe compression test machine



Picture Just for reference

1. Application

CDY-1000W compression testing machine used for concrete and cement pipe compression strength testing, with different compression fixture can test cement, plastic sand, and red brick building materials. Widely used in metallurgy, building materials, space flight and aviation, colleges and universities, R&D institution lines. The test operation and data processing meets standard requirements.

2. Standard

- It is designed for the radial compression test of drainpipe and other cement pipes which accord with GB/T 11836-99 "Test method of concrete and ferroconcrete drainpipe", GB/T 16752-2010 concrete and ferroconcrete drainpipe". It is also suitable for the compression test of other metal and non-metal material.
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3. Main technical parameters:

Model	CDW-1000W
Max test force	1000kN

Structure	Two ball screws, oil cylinder above structure
Test machine class	1 class
Test force range	2%-100% FS
Test force indicate relative error	Better than $\pm 1\%$
Displacement resolution	0.01 mm
Displacement indicate relative error	Better than $\pm 1\%$
Displacement deformation measurement range	0~250 mm
Piston max moving speed	0.5~50mm/min stepless speed regulating
Oil cylinder stroke	250 mm
Compression space adjust mode	Electric ball screw adjust
Distance between upper and lower compression plate	0-3200 mm (Arbitrary adjustable)
Distance between two columns	3200 mm
Upper compression plate size/material	Length 2200 mm, width 120 mm steel, with rubber
Lower compression plate size/material	Length 2200 mm, width 50-300 mm (adjustable) hard wood
Power supply	220V/60Hz/2.2KW/3 phase

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