

Model : ZI 2051



Digital Controller & Readout Unit

GENERAL PROPERTIES:

Range of Semi Automatic concrete compression machines give users the ability to test and analyse concrete samples in accordance with all major international standards. The power pack incorporates a durable variable output pump, allowing fine control for accurate load pacing, or maximum pump output for daylight closure. The rapid approach pump provides a high rate of daylight closure and is available as an optional extra for the motorised power pack- only if fitted at the time of ordering. An onboard LED screen allows the sample load / Stress to be monitored. The control panel allows for data input and manual control if required. Testers are manufactured in the range of 300 kN - 5000 kN capacities. The standard models are of 1150 kN, 2000 kN and 3000 kN capacity. Suitable for testing 50mm, 100mm, 150mm and 200mm cube samples as well as cylinder samples with 75 160mm diameter and 150-320mm height.

Pressure safety valve, piston limit switch, removable front and rear gates are standard in all models. Upper compression platens have ball seating assembly for movement in all models. All compression platens have a surface hardness of 55 HRC. Required distance pieces of 100mm, 50mm and 20mm for vertical test distance are supplied as standard in all models. Pressure transducer with a sensitivity of %0.3 is used for load measurements.

All models operate with 220-240 V AC, 50 60 Hz, 1 phase mains power.

TECHNICAL SPECIFICATIONS:

	2000	3000
Capacity (kn)	2000	3000
Class 1 range (kN)	200-2000	20-200
Resolution	1/64.000	1/64.000
Dimensions	685 x 500 x 964	730 x 540 x 1048
Power (W)	750	750
Travel (mm)	50	50
Max. Distance between Platens (mm)	340	340
Platen Diameter (mm)	300	300
Weight (Kg)	750	1050

Digital Controller & Readout

- 6 digit LED Screen
- Stress / load shown in real time
- Peak hold
- Multi point calibration
- Data download via RS232

Unit - Lc826



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