



**EIE INSTRUMENTS PVT. LTD.**  
(An ISO 9001:2015 Certified Company)

## UNCONFINED COMPRESSION TESTER-DIGITAL



### Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,  
Near Gujarat College, Ellisbridge,  
Ahmedabad-380 006.  
Phone : (079) 6621 1234  
Website : [www.eieinstruments.com](http://www.eieinstruments.com)

### Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,  
Opp. Primary School, Village Kubadthal,  
Tal-Daskroi, Ahmedabad-382 433.  
Phone: (079)-3520 8300  
E-mail : [info@eieinstruments.com](mailto:info@eieinstruments.com)

GST TIN No. : 24AABCE4018L1ZU  
I.T. PAN No. : AABCE 4018L  
IEC No. : 0813026598 Dt. 04/03/2014  
CIN No. : U29199GJ2004PTC045078  
TAN No. : AHME00572F



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**Compliance with following International Standards:**

BIS 2720 (Part 10),, ASTM D2166, BS 1377-7, AASHTO T208

**Physical data:**

Capacity : **5 tons (50 KN)(loadframe capacity)**

**Load cell capacity : 2.5 kN (250 kgf)**

Readout : Digital (flow and load)

Power supply : Single phase, 220 volts, 50 Hz, AC Supply

**Salient Features:**

1. Digital 3 Speed Unconfined Compression testing machine
2. Flow value and load on a single screen.
3. No need of separate observation on dial gauge and Proving ring
4. Facility to readout rate of loading in mm/minute.
5. Tare system to nullify initial load
6. The digital LCD display will retain the peak value until it is cleared.
7. **Flow value with a least count of 0.01 mm with accuracy of 1%.**
8. **Load value with a least count of 0.1 kg / 0.001 KN with accuracy of 1%.**
9. Back light facility to observe the readings even in the dark.
10. **Four line readout showing load, flow, speed, and load at every 0.5mm flow value. (scrolling)**
11. **Digital selection of speed from 1.25 mm/min, 1.5 mm/min and 2.5 mm/min. No need to change the gears.**
12. Over load safety at pre decided load.
13. Over travel safety.
14. Auto reverse to home position on pre set over travel
15. Auto internal calibration facility to calibrate load and flow.
16. **Complete with one pair of male/female coning tools for 38mm diameter samples, pair of cone seating.**

**Note:**

1. **Coning tools and split mould for 50 mm, 75 mm and 100 mm dia available at extra cost.**
2. **NABL Calibration (As per ISO 17025) of Load Cell and Load Indicator at extra cost.**

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