



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

COLD CRUSHING STRENGTH APPARATUS - (ISO 4700, ASTM E382)-



Main technical specification of Cold Crushing Strength (CCS) testing machine: .

1. Fully computerized with software (auto stop after failure of the sample) (Supplied without PC)
2. Max. test force: 10 kN.
3. Least count : 0.001 kN.
4. Measuring range of test force: 0.1-10 KN.
5. Accuracy of test force: $\pm 1\%$.
6. Load indicator with facilities for displaying peak load value.
7. Speed Range **15 ± 5 mm/min**
8. Holds peak load at the failure point
9. Kg and kN unit selectable
10. 4" touch screen display
11. Precision Ball Screw drive system.
12. Designed for testing CCS strength according to international standards.
13. Suitable for operation on 220V, 50Hz, 1 Phase AC supply.
14. As per ISO 4700:2015 • IS 8625 : 1986 • ASTM - E382-20

Feature of Software

- Auto generation of load/time graph.
- Auto calculation of average of 3 readings
- Two way communication facility - Can operate the machine through PC
- Name of Issuing Lab and customer name can be inserted
- Auto date and time of testing with age of testing (from the date of sample receipt)

- Transfer of result to PC on pressing ENT key
- Results can be printed in EXCEL FORMAT

Other Equipments needed for the test

1. Hot Air Oven
2. Test Sieves
3. Sieve Shaker
4. Electronic weighing Balance

Technical Specification

- Overall Dimensions in Inches (L x W x H) :
- Weight (kg) : 130

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