



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

COMPACT LOADING UNIT 100 KN FOR MARSHAL 6" DIGITAL

Salient features :

- Alphanumeric 4 - line display indicating Load, displacement, status, peak value of flow and Load.
- Digital display to measure the load up to 10000 Kg/100 KN, Least Count 0.1 kg/0.001 KN
- Displacement resolution : 0.01 mm
- Load and displacement both at the single screen. No need for the flow meter and Proving ring.
- Only one person needed for test
- Hassle free operation, no need of TARE.
- Load cell can also be calibrated using standard reference
- Panel cut out size 92 x 188 mm.
- Facility to read in Kg as well as KN
- Peak hold facility to read load and flow value until reset
- Auto cutoff at the pre decided load.
- With safety cut off on lower and upper limit
- Auto internal calibration facility. (external calibration has to be done after a year)
- Back light in the indicator to observe the reading clearly even in the dark.
- Auto reverse on completion of test
- Fully powder coated in 2 tone color for aesthetic finish
- PC/printer interface with software for direct printout of calculated results (at extra cost)
- Weight : 130 Kg Approx

Without accessories to perform the test. Following accessories are essential to perform the test

- Marshal Mould, cylindrical 6" diameter : 03 Nos.
- Base plate : 03 Nos.
- Collars 6.1/8" diameter : 03 Nos.
- Marshal Compaction hammer, 10.2 kg weight and 45.7 cm drop : 02 Nos.
- Specimen extractor : 01 No.
- Compaction pedestal with specimen holder : 01 No.
- Breaking head assembly, complete with gauge disc and flow meter pedestal : 01 No.
- Load transfer bar : 01 No.

At extra cost :

1. RS 232 interface with software with following features @ Rs. 20,000.00

- Direct analytical reports on computer
- Auto generation of load/time graph.
- Auto calculation of average of 3 readings for flow and load
- 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
- Transfer of result to PC automatically

Note

Use of 1 KVA single phase servo controlled stabilizer is essential to protect the machine against voltage fluctuations. Warranty voids in case of any damage due to power fluctuation.

Data and design subject to change due to continuous R&D

- **Animated Video CD with Commentary on the Working of the Instrument can be Provided at Extra Cost of Rs. 3000.00**
- **The Video CD Covering Demonstration of 15 Different Instrument on Bitumen & Aggregate Testing can be Provided at Discounted rate of Rs. 30000.00**

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