



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

BRAZILIAN TEST APPARATUS- DIGITAL



As per IS : 10082 (1981). It is for conducting Brazilian Test on 50 mm diameter samples to 100 mm diameter samples. For 60 X 30, 70 X 35, 80 X 40, 90 X 45 and 100 X 50 mm samples, loading jaws has to be purchased separately.

The instrument is designed to test specimens from 50 mm dia to 100 mm dia having thickness equal to half of the diameter for determination of Indirect Tensile Strength. A pair of loading jaws, designed so as to contact a disc shaped sample at diametrically opposed surfaces over an arc of contact of about 10 degrees at failure, is supplied. The set of jaws supplied with the equipment is designed for 50 mm dia specimen and therefore it is essential to order jaws for required sizes, if the samples of other diameters are to be tested.

For 60 X 30, 70 X 35, 80 X 40, 90 X 45 and 100 X 50 mm samples, loading jaws has to be purchased separately.

- Machine Operation : Motorized
- Read out : Digital
- Least count : 0.01 kn
- Capacity : 100 kN
- Calibration : 10 Point calibration
- Peak load will be hold on the first line and first line will show the actual load
- Auto stop after failure of the sample
- Simple plug and play instrument

Technical Specification

- Overall Dimensions in Inches (L x : 19 X 11 X 30
W x H)
- Weight (Approx.) : 62 Kgs Approx.

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

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

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