



Available Variants:

1. Digital IZOD Impact Testing Machine As Per Astm D256

Compliance standards:

- ASTM D256

Details:

1. Impact Energy : 0-25 Joules
2. Release angle of pendulum : 150°
3. Micro controller : Setting of sample dimension, Error of machine and selection of Standard of test process (IS, ISO or ASTM), Hammer selection with Direct display of impact energy in joules & Impact Strength in J/mt & J/mt² And corresponding angle in degrees on digital indicator with selection of hammer.
4. Hammers : Powder coated hammers for Izod tests for lowest scale would be supplied. Incremental plates would be supplied Which could be attached to these hammers to convert them in to hammers for 2nd, 3rd, 4th & 5th scale.
5. Screw : (Vise) type powder coated bench for Izod test as per standard.
6. 2 Line LCD display with 10 test memory with Average result of selected test.
7. Indication to select Low or High value of Hammer during test.
8. Indication to conduct test by microcontroller.
9. Faulty sensor indication on LCD display.
10. Easy, Safe and maintenance free release mechanism for Hammers.
11. Easy interchangeability of hammers during test.
12. Two Numbers Hammers supplying for IZOD & Charpy Test
13. Two Wise for Conducting IZOD or Charpy Test
14. Powder Coated Body Structure

Optional Accessories At Extra Cost:

1) Notch Cutter - Model: NOT – A.

- Manual Operated
- Depth Micrometer by wheel and resolution of 0.01 mm.
- Range: 0-25 mm
- L.C.: 0.01 mm
- Cutting Angle: 45 deg.
- Paint: Powder Coating

2) Notch Cutter - Model: NOT – B

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



- Motorized Operating.
- Depth Micrometer by wheel and resolution of 0.01 mm.
- Range: 0-25 mm
- L.C: 0.01mm
- Cutting Angle: 45 deg.
- Paint: Powder Coating
- Power: 230 V AC, 1 Phase, 60 Hz.

2. Analog IZOD Impact Testing Machine As Per Astm D256

Compliance standards:

- ASTM D256

Applications:

- Izod Impact Tester covers the determination of the resistance to breakage by flexural shock of plastics and electrical insulating materials.

Test method:

- The specimen is held as a vertical cantilever beam and is broken by a single swing of the pendulum with the line of initial contact, at a fixed distance from the specimen clamp and from the centerline of the notch and on the same face as the notch. The measurement is in kg.

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