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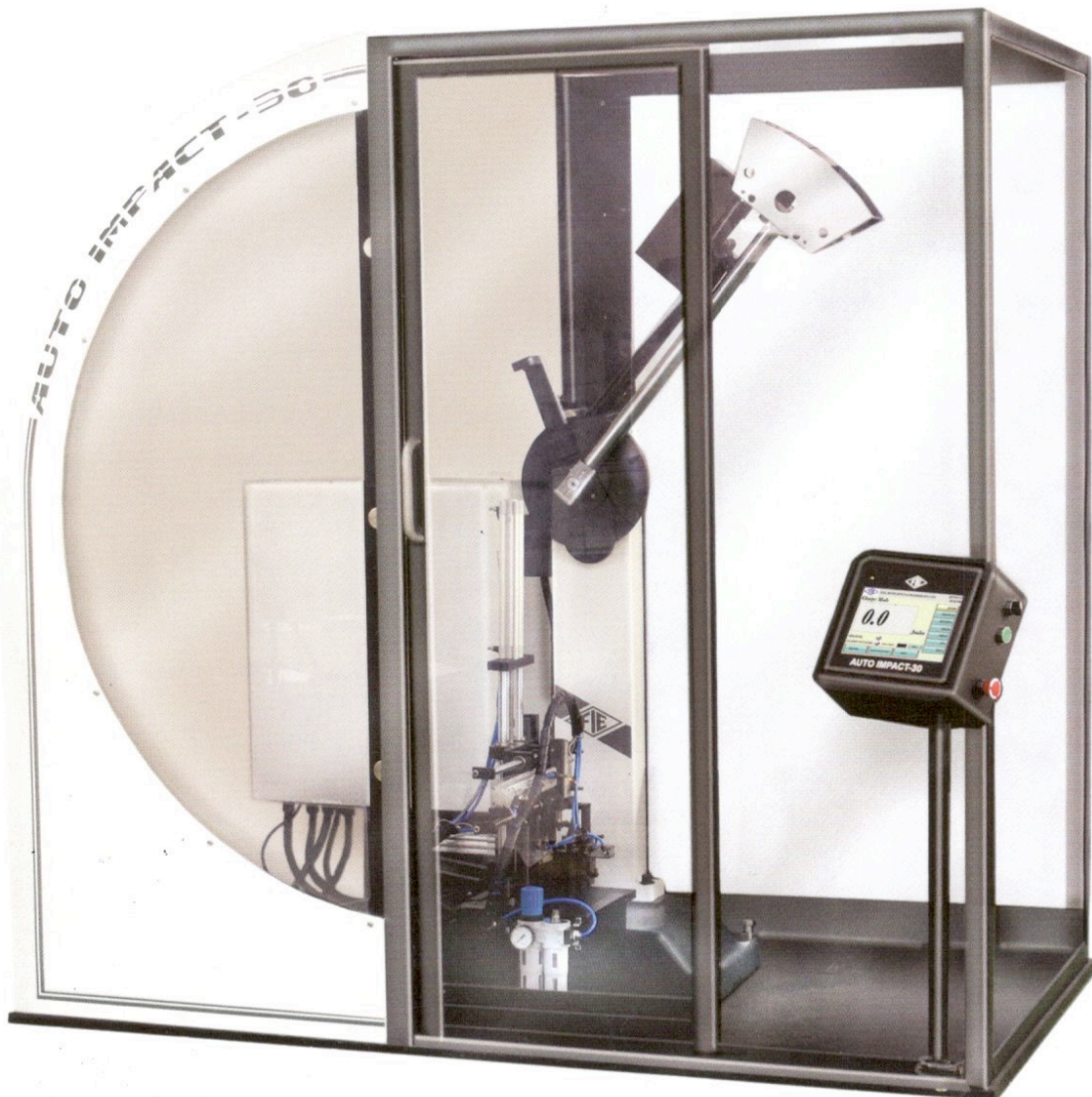
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Impact Testing Machine

GENESS ENGINEERS

Model - Auto Impact - 30



General Description :

The pendulum Impact Tester, model : Auto Impact-30 is designed for conducting Izod, Charpy test.

The test method confirm to BS: 131: PART 4-1972 (Amended 15 Aug. 1993) BSEN : 10045-2 : 1993.

In Auto Impact-30 Tester, pendulum will lift, specimen will get loaded and pendulum will release automatically. Once specimen breaks, result will display on digital panel, and auto brakes will apply immediately.

The pendulum is mounted on antifriction bearings. It has two starting positions, the upper one for Charpy and the lower one for Izod testing. On auto release, the pendulum swing down to break the specimen and the energy absorbed in doing so is measured as the difference between the height of drop before rupture and height of rise after rupture of the test specimen and is read on digital panel in Joules.

Charpy Test :

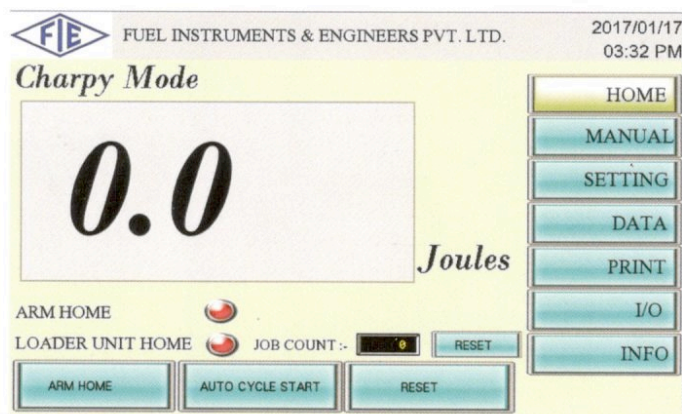
The Charpy test piece rests on support anvils, fitted on the base of the machine rigidly held in position by Allen screws. End stopper is provided for quickly and accurately locating the test piece centrally between the supports.

Izod Test :

The Izod Test piece is clamped vertically in Izod locating groove fitted on the base of the machine. The support is provided with a machined vertical groove to suit the test piece size. The front clamp piece and the Allen screw enable clamping of the test piece in correct height with the help of Izod setting gauge supplied.

Specification :

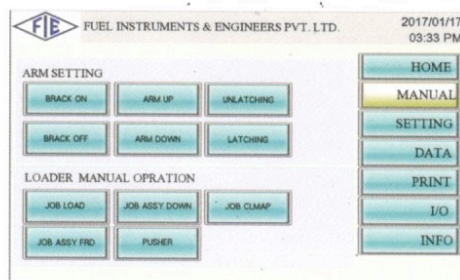
Auto Impact	
Maximum Capacity	300 J
Maximum Scale Graduation	0.1 J
Overall Size (Approx.) L x W x H	2.2 m x 1.2 m x 2.1 m
Net Weight (Approx.)	710 kg.



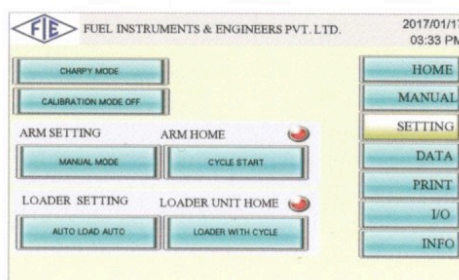
Home Screen

Optional Accessories for Auto Impact-30

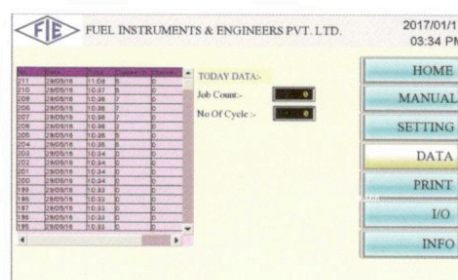
- Caliper gauge checking V notch for Izod & Charpy.
- Templates for checking 10x10mm. cross section of Izod/Charpy test specimen.
- Depth notch gauge including V & U notch gauges for checking depth below V/U notch, angle and radius.
- Izod support for 0.450" dia Izod round specimen.
- Self centering tong for quick and accurate setting of Charpy test specimen.
- 'V' notch milling cutter & 'U' notch milling cutter.
- Protection Guard



Manual Mode



Auto Mode



Result Data

FIE reserves the right to change the specifications without notice due to constant improvement in design.