

Model: Auto Impact - 75

General Description :

FIE's Charpy pendulum Impact Testing Machine, Model : Auto Impact-75 serves for conducting Charpy impact testing to determine the behaviors of the metal especially of steel casting under impact stresses.

Features :

- Fully automatic machine easy to operate.
- For safety machine cover with enclosure which are having door interlocks so operator can works safely.
- High resolution encoder is fitted in machine which can read the absorbed energy less than 1J.

GUI Features :

- Touch screen HMI.
- USB output data logging.
- Manual operation via touch screen.
- Calibration features.
- New file creation.



Specifications :

MODEL	IT-0.5	IT-1.5	IT-30	IT-30 (D)	IT-30/40 (ASTM)	Auto Impact 30/40	Auto Impact 75
Maximum Capacity	5 J	15 J	Charpy-300 J Izod-168 J	Charpy-300 J Izod-170 J	Charpy-300/400 J	Charpy & Izod 300 J/400 J	Charpy-750 J
Max. Scale Graduation	0.05 J	0.1 J	2 J	0.5 J	2 J	0.5 J	0.5 J
Overall Size (Approx.)	0.5m x 0.3m x 0.52 m (H)	0.5m x 0.3m x 0.52 m (H)	1.1m x 0.45m x 1.65 m (H)	1.32m x 0.45m x 1.05 m (H)	1.4m x 0.5m x 1.9 m (H)	2.3m x 1.2m x 2.2 m (H)	2.3m x 1.5m x 2.3 m (H)
Net Weight (Approx.)	70 kg.	70 kg.	375 kg.	375 kg.	450 kg.	600 kg.	1500 kg.

Standard Accessories

Izod Striker	1	1	1	1	-	1	-
Charpy Striker (8R)	-	-	1	1	1	1	1
Anvil	1	1	1	1	1	1	1
Self Centering Tong	-	-	1	1	1	1	1
Centering Gauge	-	-	-	-	1	1	1
Spanner Set	1	1	1	1	1	1	1
Instruction Manual	1	1	1	1	1	1	1

Optional Accessories :

- 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" diameter Izod round specimen.
- Self centering tong for quick and accurate setting of Charpy test specimen.
- 'V' notch milling cutter.
- 'U' notch milling cutter.
- Guards & Covers.

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

Fuel Instruments & Engineers Pvt. Ltd.

Plot No. 68 & 89, Parvati Co-op Industrial Estate, YADRAV-416 145 (Ichalkaranji),
Tal : Shirol, Dist : Kolhapur, Maharashtra State, INDIA.

Cell : +91 93090 72719, 95790 55146 • E-mail : mrk1@fietest.com, mrk2@fietest.com

Web : www.fietest.com