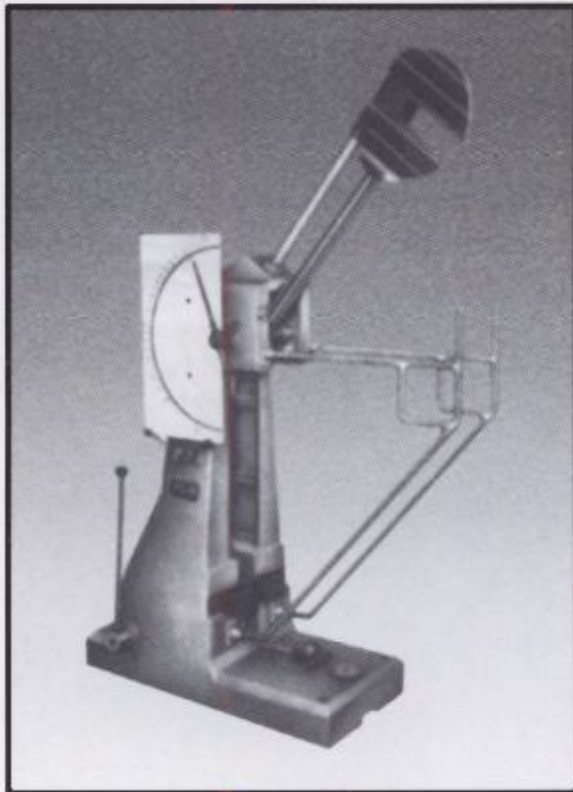




# IMPACT TESTING MACHINE



## CHARPY TEST :

The Charpy test piece rests on alloy steel 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 support 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 & the Allen screw enable clamping of the test piece incorrect height with the help of Izod setting gauge supplied.

## MODEL : MIT - 30 (ASTM)

The Impact tester offered with 300 J energy exclusively for Charpy test confirming to ASTM E-23. This machine is geometrically checked in the works to the more stringent requirements of the American standard. The accuracy of the machine is then verified by PROOF TEST by testing standard test specimens supplied by the NIST, USA. All two sets of the five specimen must agree with the normal values within certain tolerance specified.

MODEL	MIT - 30	MIT - 30 E	MIT - 30 (ASTM) CHARPY TEST	MIT - 1.5	MIT - 0.5
Maximum Capacity	300 J / 168 J	300 J / 170 J	300 J	15 J	5 J
Minimum Scale Graduation	2 J	0.5 J	2 J	0.1 J	0.05 J
Overall Size (Approx.)	1.65 m (H) 1.1m x 0.45 mx	1.32m x 0.45 mx 1.65 m (H)	1.4 m x 0.5 m x 1.9 m (H)	0.5 m x 0.3 m x 0.52 m (H)	0.5 m x 0.3 m x 0.52 m (H)
Net Weight (Approx.)	375 kg.	375 kg	450 kg	70 kg	70 kg

### OPTIONAL ACCESSORIES FOR MIT 30 / MIT 30 E

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

Caliper gauge for checking V notch for Izod & Charpy.  
Templates for chcking 10 x 10mm. cross section of Izod / Charpy test specimen.  
Depth notch gauge including V & U notch gauge for checking depth below V / U notch, angle and radius.

*Due to constant research & development, specification & features are subject to change without notice.*

Manufactured by :



## MICRO CONTROL SYSTEMS

Ward No. 24/1264/5, Vitthal Nagar, Shahapur Road,  
ICHALKARANJI - 416 115, Maharashtra (INDIA)  
● Tel. 0230 - 2425674 ● Fax. 0230 - 2421966  
● E-mail. kip\_mcs@sancharnet.in

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