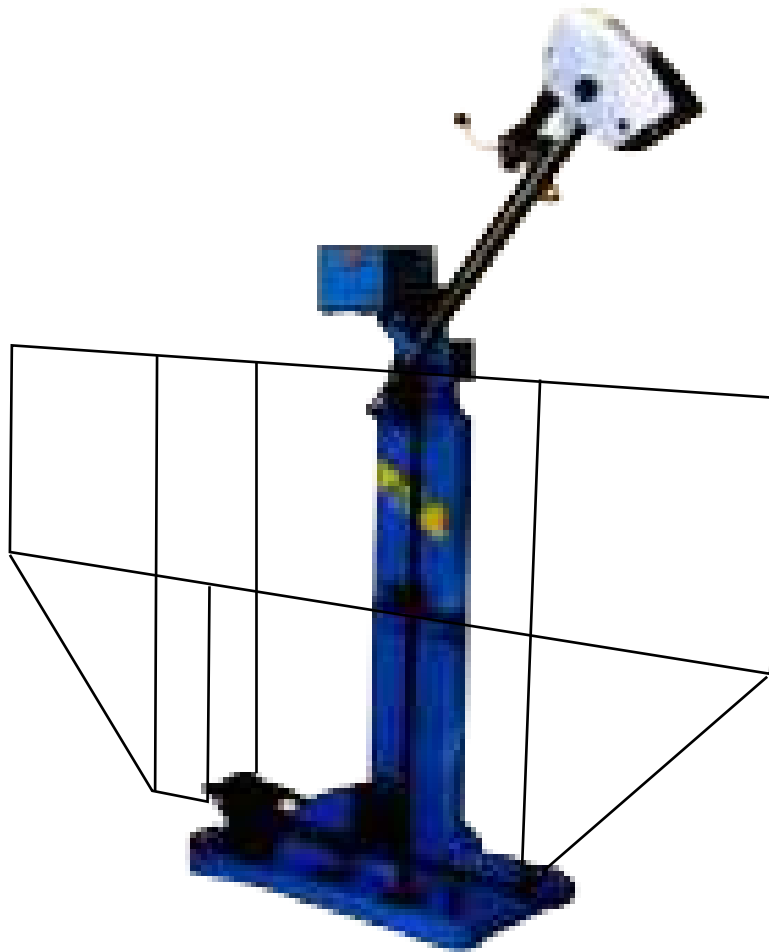




ENKAY ENTERPRISES

Scientific & Material Testing Machines



Impact Testing Machine

Charpy & Izod

Model No : HLX 30

- ✪ Confirm the requirements of IS: 3766, IS 1598 IS: 1757, IS: 1499, BS: 131 (Part 4), BS EN: 10045-2, ASTM E23 and ISO 148.
- ✪ Test rig with two positions (viz. "Charpy" and "Izod") for releasing the hammer.
- ✪ The facility of manual break for stopping the pendulum from swinging after test and guard for operator's protection is present in the test set up.
- ✪ The system is supplied with two separate strikes (for Izod & Charpy test) and a combined support fixed at the base.
- ✪ The test rig is able to perform Charpy and Izod impact tests in order to find the toughness of given Material

SPECIFICATIONS:

- ✪ Maximum capacity (J) : 300 ± 10 In Charpy Test
165 ± 3.4 In Izod Test
- ✪ Sensitivity (J) 2 for both Charpy and Izod Tests
- ✪ Pendulum drop angle (Degree) : 140 ± 1 In Charpy Test
165 ± 1 In Izod Test
- ✪ Striking velocity of pendulum : 5.4 In Charpy Test 3.9 In Izod Test
- ✪ Distance of pendulum rotation from centre of specimen to specimen hit by pendulum : 815 mm for both Charpy and Izod Tests
- ✪ Max. Permissible loss by friction & windage etc. : 0.50% of impact energy for both Charpy and Izod Tests
- ✪ Izod impact / Charpy Impact tester with digital display
- ✪ Supplied complete with detailed operation manual with theoretical and practical information about the machine

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