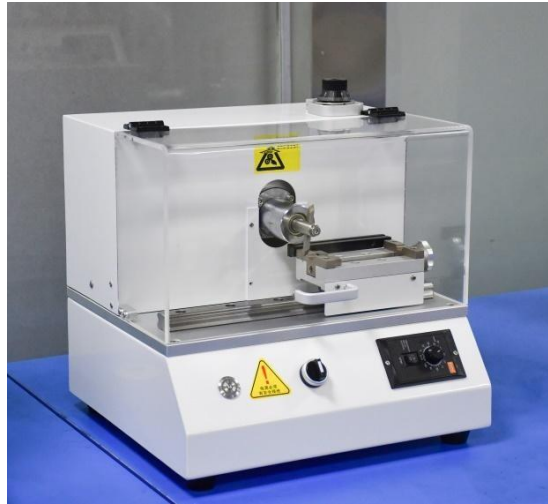


Automatic Sample Impact Notch Machine



Model: HY-UV-2PA

A. Product Introduction

The plastic electric notch prototype machine (HY-UV-2P) is a sample making equipment used in the impact toughness test of non-metallic materials by IZOD and simply supported beam impact testing machine. The impact notching prototype machine can be used by laboratories of scientific research institutions, colleges and universities, non-metallic materials manufacturers and other units to make notched samples.

B. Reference Standard for Sample Notch Machine

- ISO180—2000 Plastics - Hard materials - Determination of IZOD impact strength
- GB/T1843—2008 Rigid plastics - IZOD impact testing machine
- JB/T8761—1998 Impact test machine for plastic IZOD
- ASTM D256-2010 Test Method for Determining IZOD Pendulum Impact Strength of Plastics
- ISO179—2000 Determination of Impact Strength of Plastic-Hard Material Simply Supported Beams
- GB/T1043—2008 Impact Test Method for Rigid Plastic Simply Supported Beam
- JB/T8762—1998 Plastic Simply Supported Beam Impact Testing Machine

C. Technical Index

Table stroke: >160mm

Feed speed: 30mm/min

Sample type: Type 1、Type 2、Type 3

Gap type: TypeA、TypeB (optional)、TypeC (optional)

D. Tool Parameters of Plastic Sample Notch Machine

TypeA	$45\pm 1^\circ$ $r=0.25\pm 0.025$
TypeB	45 ± 1 $r=1.0\pm 0.025$
TypeC1	45 ± 1 $r=0.1\pm 0.02$
TypeC2	thickness 1= 2 ± 0.1 $r\leq 0.1$
TypeC3	thickness 2= 0.8 ± 0.1 $r=0.2\pm 0.05$