IZOD CHARPY NOTCHER

TECHNICAL DATASHEET

Specimen are clamped and notched by the combination of the following movements:

- Alternate vertical displacement of the knife with electronic adjustable speed

- Horizontal displacement - linear translation - of the clamp where the specimen is located by manual control

The constant profile of the knife and the design of the specimen centering and blocking system, guarantee high accuracy and repeatability.



Main specifications of Notcher Easy 2818::

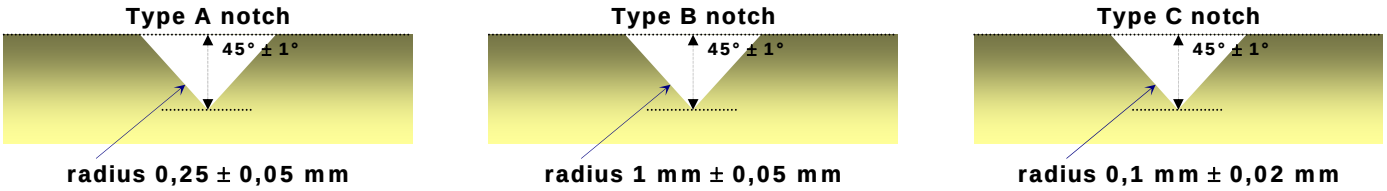
- Alternate vertical displacement of the knife: 30 mm
- Linear speed of the notch: 0 ± 18 m/min with electronic control
- Height of the sample support: 25 mm
- Width of the sample support : 15 mm
- Notching area is suitable to locate up to 8 specimens/3 mm thick or up to 6 specimens/4 mm thick
- Adjustment of the depth of the notch with reference to the residual section of the specimen (ISO 2818)
- All metal frame duly painted
- Power supply: 230V, single phase, 50/60 Hz; 0.5 kVA
- Dimensions (WxDxH) : mm 400x200x400
- Weight : 10 Kg

Reference standards			
ASTM	D256	D6110	
BS	2782 350		
DIN	53753	53453	
ISO	179	179 type C	180 Type A-B
DINSTAT	53753 type K		

Code	Description
10013100	Izod Charpy Notcher

Notching knives:

Type A:for "V"-shaped notch (45° ± 1°, radius 0.25 ± 0.05 mm), in accordance with ASTM D 256 – ASTM D 6110 ISO 179 ISO 180 (type A) - BS 2782 350 – DIN 53753.
Type B: for "V"-shaped notch (45° ± 1°, radius 1mm ± 0.05 mm) in accordance with ASTM D 256 – ISO 179 ISO 180 (type B) - BS 2782 350
Type C: for "V"-shaped notch (45° ± 1°, radius 0.1mm ± 0.02 mm) in accordance with ISO 179 (type C) – DIN 53753



Type D: for "U"-shaped notch (width 2 mm ± 0.2 mm), in accordance with DIN 53453
Type E: for "U"-shaped notch (width 0,8 mm ± 0.2 mm), in accordance with DINSTAT 53453 type K

