



CHARPY IMPACT SPECIMEN NOTCH PROJECTOR TT50X

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APPLICATIONS

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The TT50X Charpy Impact Specimen Notch Projector is specifically designed and developed in accordance with ASTM E23-18 "Standard Test Methods for Notched Bar Impact Testing of Metallic Materials" 8.2.2. This specialized and patented optical instrument inspects the quality of the notch processing for Charpy V-type and U-type impact specimens. It is an essential tool for physical and chemical laboratories in metallurgy, boiler and pressure vessel industries, vehicle and shipbuilding, engineering machinery manufacturing, and scientific research departments.

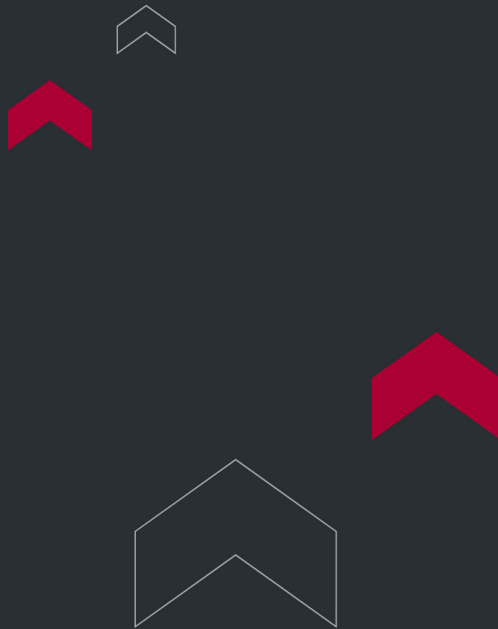
Charpy Impact Specimen Notch Projector

FEATURES

- The screen is marked with a clear scale, tolerance, angle value, and depth line, allowing accurate notch error readings. It meets American and Europeans Standard, such as ASTM E23, ISO 148, ISO 83, EN 10045 and GB/T229
- Customizable to meet specific requirements for detecting the gap of 3mm or 5mm impact specimens.

TECHNICAL SPECIFICATIONS

Magnification	50X
Objective lens magnification	2.5X
Projection objective magnification	20X
Projection Screen Diameter	Φ200 mm
Workbench Size:	
Square table	110x125 mm
Round table	Φ90 mm
Workbench glass diameter	Φ70 mm
Worktable Stroke:	
Longitudinal	±10 mm
Transverse	±10 mm
Lifting	±12 mm (no scale)
Table Rotation Range	0° - 360° (no scale)
Light Source (Halogen Tungsten Lamp)	12V 100W
Power	220V 150W (110V Available upon request)
Dimensions (L x W x H)	510 x 220 x 600 mm
Weight	20 kg



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