

Universal Sheet Metal Testing Machine

Model: SMT-M120w & SMT-M120B & SMT-M250B

These testing machines are specially designed for Erichsen Cupping, Deep Drawing and Hole Expansion Tests based on ISO and national standards. In this model, the required power is provided using a hydraulic power pack and the drawing speed and blankholder force can be set using the adjusting knobs. The drawing force and the blank-holder force can be determined based on the pressure gages values using the provided formulas. In the SMT-M120B and SMT-M250B model the data-logging possibility is also included.

Standards:

- INSO 2509
- INSO 19790
- ISO 20482
- ISO 1520



Model	SMT-M120W	SMT-M120B
Drawing + Blank holder force:	Max. 120 kN	
Drawing punch ϕ :	Max. 42 mm	
Blank ϕ :	Max. 90 mm	
Drawing Depth:	Max. 55 mm	
Tests:	ERICHSEN Cupping test Deep Drawing Cup test Hole Expansion Test	
Hydraulic circuit components:	Hydraulic power pack and electrical operated	
Regulation of Blank-holder force:	Manual	
Regulation of Punch Speed:	Manual	
Data-logging?	No	Yes