

Universal Sheet Metal Testing Machine

Model: SMT-M120w & SMT-M120B

These testing machines are specially designed for Erichsen Cupping and Deep Drawing 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 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	
Hydraulic circuit components:	Hydraulic power pack and electrical operated	
Regulation of Blank-holder force:	Manual	
Regulation of Punch Speed:	Manual	
Data-logging?	No	Yes