

Universal Sheet Metal Testing Machine

Model: SMT-A***B series

This multipurpose testing machine can be used in the process control departments as well as in the universities and R&D departments for the research and development of the new materials. The test sequence can be controlled either automatically or manually. The common sheet metal tests specified in national and international standards and also the customized tests can be conducted either automatically or manually using the appropriate test tools. The drawing and blank holder forces, drawing speed and drawing punch stroke are displayed to the user. The force-displacement diagram is recorded for all the tests. The FLC test tooling is provided by default with the equipment. The tooling for the other tests will be provided on request.



Model	SMT-A400B	SMT-A250B
Drawing + Blank holder force:	Max. 400 kN	Max. 250 kN
Drawing punch ϕ :	Max. 100 mm	Max. 75 mm
Blank ϕ :	Max. 200 mm	Max. 160 mm
Drawing Depth:	Max. 120 mm	Max. 75 mm
Tests:	FLC test Bulge Test ERICHSEN Cupping test Deep Drawing Cup test Hole Expansion test	
Regulation of Blank-holder force:	Automated, Closed-loop control	
Regulation of Punch Speed:	Automated, Closed-loop control	
Data-logging?	Yes	