

SME

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Universal Sheet Metal Testing Machine

Model: SMT-A ***C series

This multipurpose testing machine is recommended for educational purposes while it also can be used in the process control departments. This equipment is provided in two different capacity to meet the diverse needs of consumers. The common sheet metal tests specified in national and international standards can be conducted using the appropriate test tools. The data-logging possibility is included and the force-displacement diagram is recorded for all the tests. The stress-strain and bulge pressure-depth is recorded for the bulge test. The FLC test tooling is provided by default with the equipment. The tooling for the other tests will be provided on request. A PC should be provided by the buyer to operate this machine. However, the machine can be prepared with the HMI for the control of the machine on request.



Model	SMT-A400C	SMT-A250C
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	
Hydraulic circuit components:	Hydraulic power pack and electrical operated	
Regulation of Blank-holder force:	Manual	
Regulation of Punch Speed:	Manual	
Data-logging?	Yes	

