

# SME

Sadid Mahd Ebtekar

## 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 research and 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.



Model	SMT-A120C	SMT-A250C
Drawing +Blank holder force:	Max. 120 kN	Max. 250 kN
Drawing punch $\phi$ :	Max. 55 mm	Max. 75 mm
Blank $\phi$ :	Max. 120 mm	Max. 160 mm
Drawing Depth:	Max. 55 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	

