

## Universal Sheet Metal Testing Machine

### Model: SMT-A400 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.

**Note:** All the models can be upgraded to higher models in future.



Model	SMT-A400B	SMT-A400C	SMT-A400W
Drawing +Blank holder force:	Max. 400 kN		
Drawing punch $\phi$ :	Max. 100 mm		
Blank $\phi$ :	Max. 200 mm		
Drawing Depth:	Max. 70 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	Manual, presetting before test	
Regulation of Punch Speed:	Automated, Closed-loop control	Manual, presetting before test	
Data-logging?	Yes		No