

# Manual Test Fixtures

## MA 160

The Manual Fixture MA 160 is designed for usage in labs and for small batches. The contacting force is created by the operator by pushing down the Pressure Frame, which then locks in the contacting position.

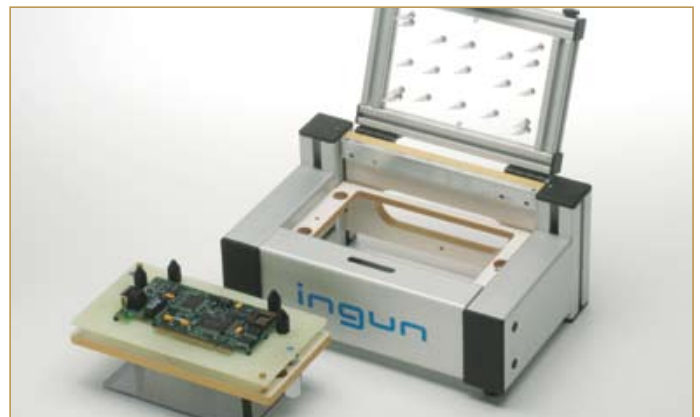
<b>Part No. 33670</b> (Basic Unit)	MA 160	Outside Dimensions: 288 x 183 x 135 mm (w x d x h)* Contact Force: 100 N Weight: 3.4 kg
<b>Part No. 28385</b> (Replacement Kit)	ATS 160 Replacement Kit incl. spring-loaded Mounting Plate and with mounting for Interchangeable Plate of the Pressure-Frame Unit	Usable Area: 160 x 100 mm**
<b>Part No. 29070</b>	Start-up Kit for customizing the ATS MA 160; consisting of pre-registration pins, tooling pin set (Ø 2.9 and 4.0 mm), 10 pushrods (Ø 2.3 mm), 10 PCB support pins, 50 pcs. KS-100 30 G, 25 pcs. GKS-100 291 090 A 1500, 25 pcs. GKS-100 204 230 A 2000	

\* Details see page 13

\*\* The outside dimensions of the PC-Board can in some cases be larger than the stated usable area.



MA 160



MA 160 with customized ATS 100