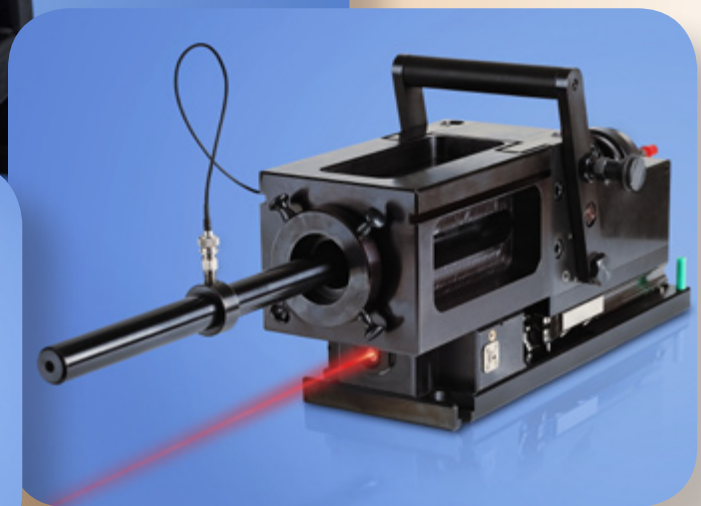
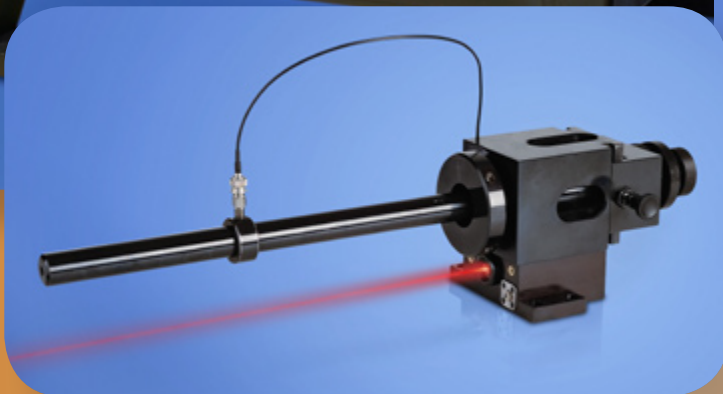
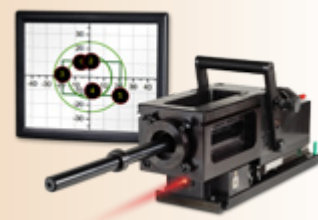


Series 1055 ammunition testing device



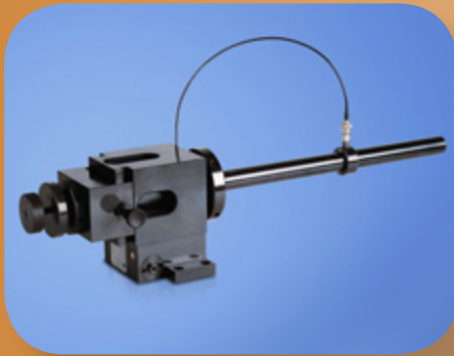
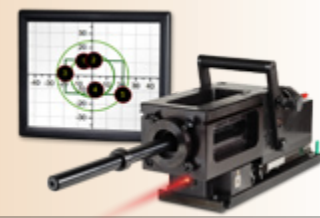
- **Testing according to NATO (EPVAT), CIP, SAAMI and other standards possible**
- **Barrel change system for fast changing of barrels for different calibers**
- **Firing a shot is only possible when breech is correctly locked**
- **Firing pin protrusion and headspace independently adjustable**
- **Exchangeable breech head with various different firing pins**
- **Optional insulated firing pin for triggering measurement (t_0 -impulse)**

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Series 1055 ammunition testing device



Devices of the 1055 series are used for testing ammunition. The barrel change system enables fast changing of barrels for different calibers. All test barrels can be supplied as velocity barrels, gas pressure barrels and precision measurement barrels.

The bore for gas pressure sensors are easily accessible from three sides.

A secure locking system protect against accidental firing.

Matching firing rests for all models are available.

Optionally available insulated firing pins enable triggering of a predefined measurement (t_0 impulse). The exchangeable breech head enables easy use of different firing pin shapes. The individually adjustable headspace and firing pin protrusion parameters enable checking of all types of ammunition in combination with the designated test barrels under various aspects.

Devices starting from ATD 1055-2 are equipped with an electromagnetic trigger as standard. The optionally available FU 1069 firing unit enables triggering from a secure position.

Gas pressure measurements are recorded, evaluated, analyzed and documented in connection with the IMS 8500 Intelligent Measuring System.

Both quartz pressure sensors and copper crusher cylinders can be used as sensors.

Technical data

	Model			
	ATD 1055-0	ATD 1055-1	ATD 1055-2	ATD 1055-3
Caliber				
Short firearms	all			
Long firearms	≤ 7.62x63 (.30-06)	≤ 7.62x63 (.30-06)	≤ 12.7x99 (.50 BMG)	≤ 20x139 *
Ammunition type				
Center fire	•	•	•	•
Rim fire	•	•	•	•
Small shot	-	Option	•	•
Electrical	-	-	Option	Option
Overall dimensions				
Length	258 mm	258 mm	550 mm	630 mm
Width	180 mm	180 mm	250 mm	274 mm
Height	100 mm	100 mm	290 mm	350 mm
Weight	15 kg	15 kg	85 kg	150 kg
Miscellaneous				
Electromagnetic firing	Option	Option	•	•
Adjustable headspace	•	•	•	•
Firing pin	available in different versions			
Insulated firing pin	-	-	Option	Option
Adjustable firing pin protrusion	-	-	•	•
Fragment simulation	•	•	•	•
Gas pressure measurement	-	•	•	•
Accessories				
Firing rest	FR 1060-1	FR 1060-1	FR 1060-2	FR 1060-3
Laser aiming device	LAD 1055-1	LAD 1055-1	LAD 1055-2	LAD 1055-3
Electromagnetic firing device	FU 1069			
Test barrels	≤ 7.62x63 (.30-06)	≤ 7.62x63 (.30-06)	≤ 12.7x99 (.50 BMG)	≤ 20x139 *
Target line checker	available for all calibers			
Intelligent measuring system	IMS 8500			
Quartz pressure sensor, copper crusher cylinder	-	-	available in different versions	

* special versions also available for larger calibers

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