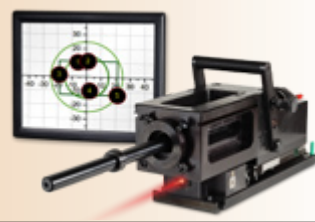


# TS 711 target system



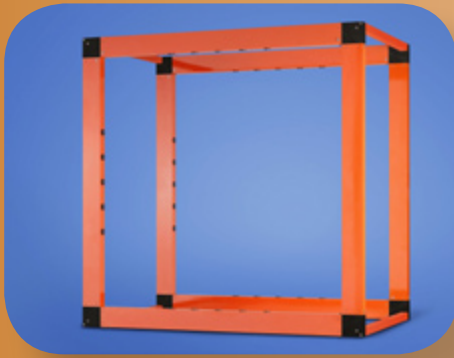
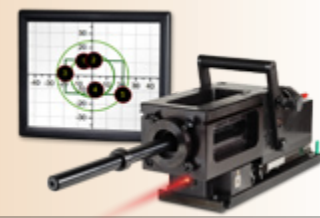
- **Target speed and rate of fire measurement**
- **Suitable for use in firing tunnels or for field operation**
- **Statistical evaluation functions and determination of residual energy**
- **Floor or ceiling mounting possible**
- **Chassis installation optional**

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**DRELO**  
*Ballistics*

# TS 711 target system



The TS 711 acoustic target system is used for automatically acquiring hits from projectiles at supersonic speeds.

Mounting of the unit is possible on an optional base frame for floor fixing or an optional overhead fixture for the hanging onto the ceiling.

The control device detects the position of the shot and makes this data available to a serial interface. An optional wireless device is available for transmitting data outdoors or over greater distances.

Display and statistical evaluation per round is performed by PC software. Amongst other things, it provides ammunition and weapons manufacturers with important data on the position, target speed and residual energy. Additionally, the rate of automatic weapons can be determined.

## Technical data

### Model

	TS 711-1	TS 711-2	TS 711-3	TS 711-4
Functional principle	Acoustic			
<b>Area</b>				
Clear area	1.0 m x 1.0 m	1.5 m x 1.5 m	2.0 m x 2.0 m	2.5 m x 2.5 m
Active area	0.5 m x 0.5 m	1.0 m x 1.0 m	1.5 m x 1.5 m	2.0 m x 2.0 m
<b>Parameters</b>				
Caliber	4.6 mm - 40 mm (tracer also)			
Accuracy	½ caliber at 900 m/s			
Velocity (at the target)	450 - 2000 m/s			
Velocity measurement error	≤ ±3%			
Rate of fire	≤ 1200 rounds/min.			
Rate of fire error	< 0.1% at 1200 rounds/min.			
<b>Environmental conditions</b>				
Working temperature	0 - 55 °C			
Storage temperature	-20 - +55 °C			
Air humidity	< 80%, non-condensing			
<b>Electrical</b>				
Power supply	230 V AC ±10%, 40-60 Hz			
Power consumption	0.15 A			
<b>Dimensions</b>				
Length	1160 mm	1660 mm	2160 mm	2660 mm
Width	1160 mm	1660 mm	2160 mm	2660 mm
Height	740 mm	740 mm	740 mm	740 mm
Weight	approx. 24 kg	approx. 27 kg	approx. 30 kg	approx. 33 kg
<b>Accessories</b>				
Base frame for floor mounting, overhead fixture for ceiling mounting or chassis				
Aid for accurate angular alignment				
Wireless transmission module				

\*) The TS 711 target system is also available as a NATO target with an active area of 2.3 m x 2.3 m. We also supply customer-specific sizes on request.

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