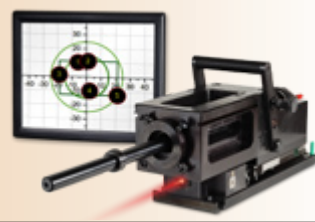


# TS 721 target system



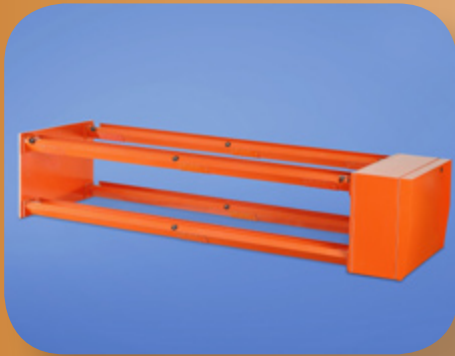
- **Active surface only above the target system**
- **Protection by steel plate or pit installation possible**
- **Suitable for use in firing tunnels or for field operation**
- **Folding protection strips for protection of the sensors**
- **Target speed and rate of fire measurement**
- **Statistical evaluation functions and determination of residual energy**

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*Ballistics*

# TS 721 target system



The TS 721 acoustic target system is used for automatically acquiring hits from projectiles at supersonic speeds.

The target system is suitable for use in a firing tunnel or for field operation.

It can be easily protected by a steel plate or pit installation.

The sensors are protected from environmental influence by folding covers. This prevents premature aging and corresponding loss of accuracy.

A heating system for operation down to -15 °C and a wireless transmission module are optionally available as extensions.

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 721

Functional principle	Acoustic
<b>Area</b>	
Clear area	unlimited
Active area	1.5 m x 1.5 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 sounds/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	1870 mm
Width	600 mm
Height	415 mm
Weight	approx. 50 kg
<b>Accessories</b>	
Heating for temperatures down to -15 °C	
Wireless transmission module	
Aid for accurate angular alignment	
Transport rollers	

\*) we also supply customer-specific sizes on request

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