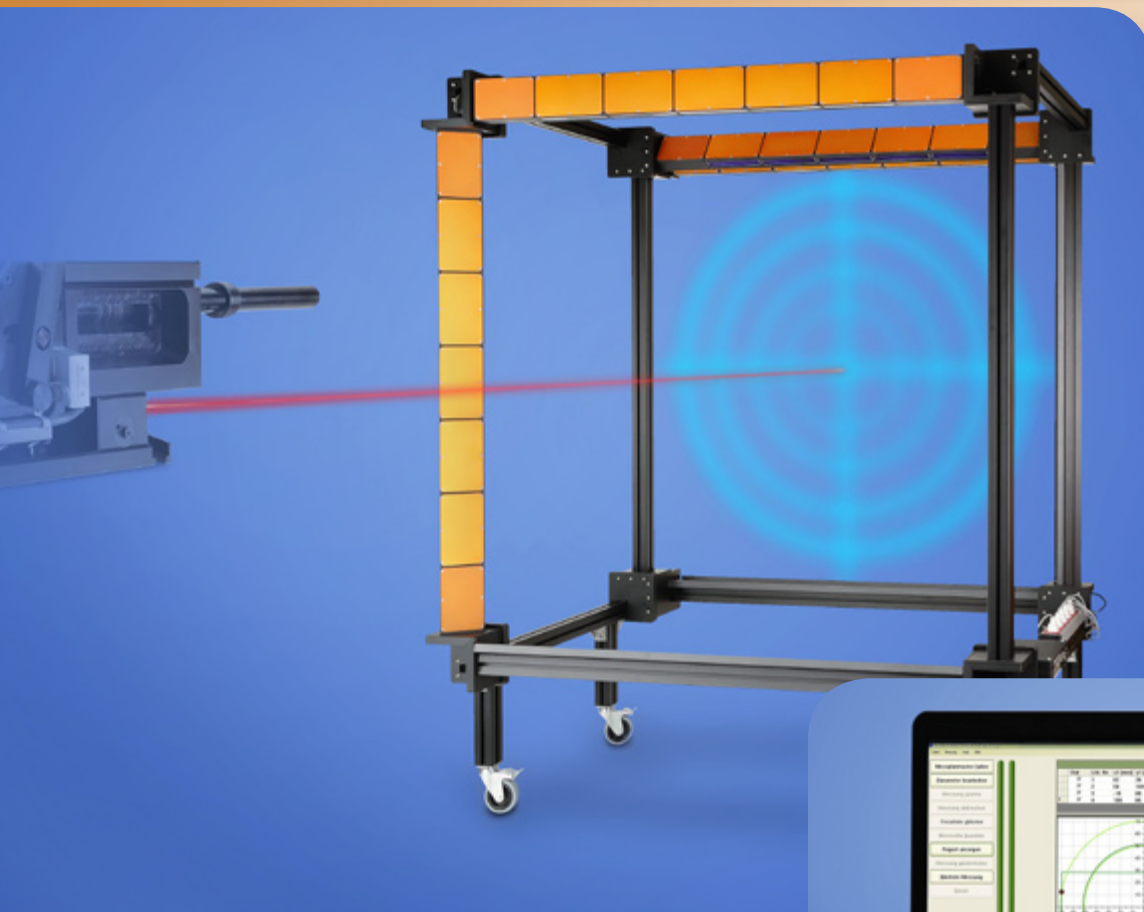
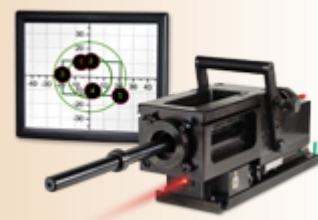


TS 723 target system



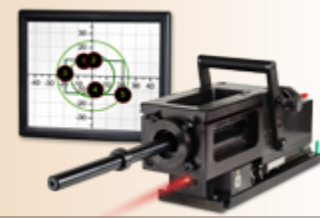
- **High-precision measurement of position, velocity and rate of fire**
- **Suitable for subsonic and supersonic projectiles**
- **Suitable for use in firing tunnels or for field operation**
- **Statistical evaluation functions and determination of residual energy**
- **Easy adaptation to customer requirements because of modular design**

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DRELO
Ballistics

TS 723 target system



The TS 723 optical target system is used for automatically measuring hits from projectiles at subsonic and supersonic speeds.

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

Modular design enables easy adaptation to customer requirements.

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 outside 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 fire of automatic weapons can be determined.

Technical data

Model

	TS 723-F1	TS 723-F2	TS 723-F3	TS 723-F4	TS 723-F5
Functional principle	Optical				
Dimensions, active					
Width	210 mm	420 mm	630 mm	840 mm	1050 mm
Height	210 mm	420 mm	630 mm	840 mm	1050 mm
Dimensions, light					
Width	630 mm	840 mm	1050 mm	1260 mm	1470 mm
Height	630 mm	840 mm	1050 mm	1260 mm	1470 mm
Parameters					
Caliber	4.6 mm - 20 mm				
Accuracy	≤ ±5 mm				
Resolution	1 mm				
Velocity (at the target)	50 - 2100 m/s				
Velocity measurement error	± 2‰				
Rate of fire	6 - 6000 rounds/min.				
Rate of fire error	≤ 1‰				
Environmental conditions					
Working temperature	0 to +40 °C				
Storage temperature	-10 to +80 °C				
Air humidity	< 80%, non-condensing				
Electrical					
Power supply	85 - 265 V AC (+10% / -15%), 40 - 60 Hz				
Power consumption	0.15 A				
Dimensions, overall					
Width	940 mm	1150 mm	1360 mm	1570 mm	1780 mm
Height	940 mm	1150 mm	1360 mm	1570 mm	1780 mm
Depth	940 mm	1150 mm	1360 mm	1570 mm	1780 mm
Weight	approx. 20 kg	approx. 35 kg	approx. 50 kg	approx. 65 kg	approx. 80 kg
Accessories					
Wireless transmission module					

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