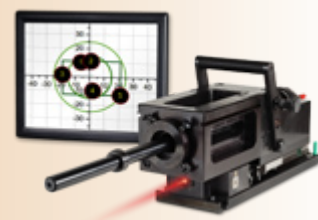


# LS 23 IR precision light screen



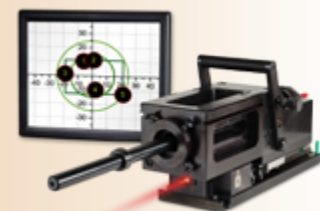
- ***High-precision measuring of velocity and rate of fire***
- ***For all calibers up to 40 mm, including small shot***
- ***Suitable for use in firing tunnels or for field operation***
- ***Floor, wall or tripod mounting possible***

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# LS 23 IR precision light screen



The LS 23 light screen is used for measuring the projectile velocity and rate of fire of automatic weapons.

Tripod mounting is recommended for frequent changes of measuring position.

The LS 23 light screen is suitable for use in a firing tunnel or for field operation.

Wall mounting of the LS 23 light screen ensures the best possible freedom of movement in the firing tunnel.

The 8500 Intelligent Measuring System evaluates the incoming impulses of the LS 23 light screen.

Measurement data is made available to a serial interface.

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 projectile velocity and projectile energy.

Additionally, the rate of fire of automatic weapons can be determined.

## Technical data

### Model

	LS23-F1	LS23-F2	LS23-F3	LS23-F4	LS23-F5
Measurement basis	1000 mm, 2000 mm or on request				
Velocity	50 - 2000 m/s				
Measurement error	± 1.0 ‰				
<b>Caliber</b>					
Projectiles	4 - 40 mm				
Small shot	all				
<b>Electrical</b>					
Supply voltage	115 / 230 V AC, 50 - 60 Hz				
Power	7 W	10 W	13 W	16 W	18 W
<b>Environmental conditions</b>					
Operating temperature	-10 to +50 °C				
Air humidity	≤ 80%, non-condensing				
<b>Dimensions (K), active</b>					
Width	210 mm	420 mm	630 mm	840 mm	1050 mm
Height	840 mm	840 mm	1050 mm	1260 mm	1470 mm
<b>Dimensions (A), active</b>					
Height	210 mm	420 mm	630 mm	840 mm	1050 mm
Width	≤ 2000 mm				
<b>Dimensions, light</b>					
Width	630 mm	840 mm	1050 mm	1260 mm	1470 mm
Height	840 mm	840 mm	1050 mm	1260 mm	1470 mm
Weight	approx. 20 kg	approx. 25 kg	approx. 30 kg	approx. 35 kg	approx. 40 kg
<b>Accessories</b>					
Intelligent Measuring System	IMS 8500				

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