PROTOTYPA Rate of Fire Measuring System

(Ballistic Measuring System)

1. Mobile Firing Rest STZA 12M1



Technical specifications of STZA 12M1

Height:	1000 mm
Length:	1270 mm
Width:	700/960 mm
total mass of STZA 12M1 (transport tow bar mass is not included):	390 kg
transport tow bar:	8 kg
recoiling parts mass (with clamping adapters and arm):	18 kg
elevation range:	± 5°
azimuth range:	± 5°
clamping strip pitch:	230 mm
handling space for arms approximately:	140x270x900 mm
clamping strip height (measured over flooring):	1000 mm

clamping strip length: 1000 mm



Gambar 1 Remote Firing Control

Triggering box with cable L=5m is included
Fine adjustment of position
Without Power Supply



Gambar 2 Bracket Moveable

Connecting part necessary for Pistol and revolver
holders or Rear collets for long weapons

2. Universal Weapon Rest (Up to 12.7 mm caliber)



Gambar 3 Front collets for long weapons clamping F

Universal adapter for functional tests. Used for Long Weapon/Rifle.



Gambar 4 Rear collets for long weapons clamping F

Universal adapter for functional tests. Used for Long Weapon/Rifle.



Gambar 5 Pistol and revolver holder IM1

Universal adapter for functional tests. Used for pistol and revolver.

3. LS06 Intelligent Light Gates



Basic technical specification of LS06

Principle of measurement :	two optical gates
Measuring base for velocity :	1000mm (2000 mm optionally)
Calibre range :	4 - 20mm

Velocity range :	10 - 1500 m/s
Resolution for velocity:	0,2 m/s (for 1000mm base)
Velocity accuracy :	0,2% (for 1000mm base)
Rate of fire range:	60 - 3000 rpm
Resolution rate of fire:	1 rpm
Rate of fire accuracy :	1%
Safe passage area :	1050 x 800mm (HxW)
Effective sensor area :	760 x 800 mm (HxW)
Evaluation modes :	rising edge (nose) / falling edge (base) / maximum / centre
Working temperature :	from -10°C to 50°C
Air humidity :	max. 80%, non-condensing
Altitude :	max. 2000m
Power :	85 – 240VAC / 50-60 Hz or 9 – 18VDC 60VA max.