



INSPEKTA

AE30 x173 LRG

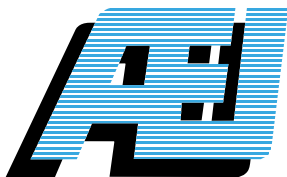


The AEI Systems INSPEKTA is a 30mm gas operated single barrel cannon firing from 200 to 300 spm and is suitable for naval and vehicle applications.

INSPEKTA is a belt fed weapon system designed from the outset to be available in two versions. The primary version fires the 30 x 173 mm round and a secondary version fires the 30 x 165 mm round. INSPEKTA is entirely designed and produced by AEI Systems in the UK and thus free from ITAR restrictions.



Focused Technology Skilled Engineering



INSPEKTA

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AMMUNITION 30 mm x 173 mm

- TP & TP-T
- HE & HE-T
- HEI & HEI-T
- APF SDS & APF SDS-T
- API & API-T
- FAPDS-T
- MPLD-T
- SAPHEI-T



SPECIFICATIONS

- Calibre; 30 x 173 mm - NATO Standard
- Rate of Fire; 200 - 300 spm
- Range effective (Gnd); 3,000 m (max)
- Muzzle velocity; 1,100 m/s
- Weapon recoil; 50 mm
- Recoil force; 14 kN
- Barrel life; 3,000 NOM
- Dispersion; < 1.0 mil
- Feed system; Single (Duel feel optional)

DIMENSIONS

- Weight; 145 kgf (total); including single feeder.
- Length;
 - Overall; 3.5 m
 - Gun body; 1.2 m
 - Barrel & muzzle brake; 2.55 m
- Width; 0.22 m
- Height; 0.23 m



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KEY FEATURES

- Self powered
- Gas operated
- Single & automatic fire
- Open bolt
- Single barrel (quick release)
- Mechanical or electrical trigger mechanism
- Ammunition feed; weapon recoil action
- Axial buffer (sliding breech recoil)
- Cradle buffer x2 (weapon recoil)
- Based on proven KCB design
- Safety: Hang fire system

ADVANTAGES OF INSPEKTA OVER ALTERNATIVES

Self-powered.

Mechanical trigger. Solenoid/electrical operation - optional.

Ammunition feed driven by weapon recoil

Reduced recoil.

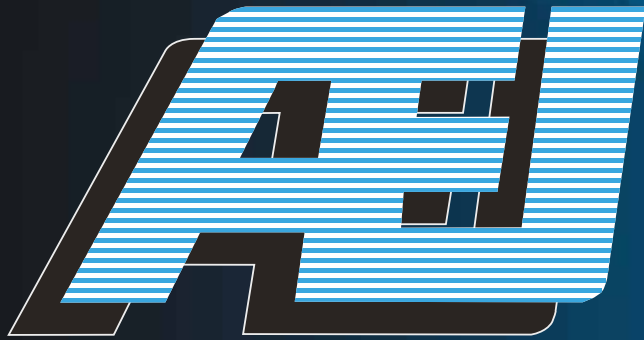
Reduced weight.

Small axial envelope.

Simple maintenance and servicing.

Non-ITAR weapon system.

Technology transfer – subject to UKTI approval.



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