



UAABS

The UAABS unified automated artillery ballistic station incorporates the latest technologies, provides high reliability, comfort, ease and safety of operation.

The UAABS is designed to generate ballistic data and perform the following tasks:

- to measure the muzzle velocity of projectiles (mortar bombs);
- to compute the total deviation of the muzzle velocity of projectiles (mortar bombs) from its table value;
- to compute a correction needed to be applied to the sight for the deviation of the muzzle velocity of a projectile (mortar bomb) from the table value for different types of artillery systems.

The computation results are displayed on a computer screen and can be sent to the automated gun laying control system (AGLCS).

The UAABS features:

- instantaneous determination of the total deviation of the muzzle velocity, a correction to the sight for each projectile or a group of projectiles;
- automatic generation of a correction to the sight for the deviation of the muzzle velocity from the table value;
- support of various artillery systems firing all types of munitions used;
- the possibility of placement on a tripod, self-propelled and towed guns;
- automatic interface with automated gun laying control systems;
- high covertness and low power consumption due to a limited emission time and radar signal processing after the projectile leaves the gun barrel;
- operability in different climatic zones for a long time;
- ease of operation and maintenance.

Main characteristics:

- Frequency band : J
- Muzzle velocity error, % : 0,05
- Projectile velocity envelope, m/s: 100-2000
- Projectile caliber, mm: от 20 до 240
- Processing time, not more than, s: 1
- Automatic computation of parameters: muzzle velocity, total deviation of the muzzle velocity, correction to the sight during firing
- Power consumption, not more than, W: 15
- Weight, kg:
 - deployed on a self-propelled gun (1B66): 25
 - deployed on a tripod (1B66-1): 56



ROSOBORONEXPORT
Russian Defence Export





ROSOBORONEXPORT
Russian Defence Export



АО «Рособоронэкспорт» – единственная в России государственная организация по экспорту всего спектра

**ROSOBORONEXPORT**

Russian Defence Export

продукции, услуг и технологий военного и двойного назначения. Входит в Госкорпорацию Ростех. «Рособоронэкспорт» образован 4 ноября 2000 года и является одним из лидеров мирового рынка вооружений. На долю компании приходится более 85% экспорта российских вооружения и военной техники. «Рособоронэкспорт» взаимодействует с более чем 700 предприятиями и организациями оборонно-промышленного комплекса России. География военно-технического сотрудничества России – более 70 стран.

Российская Федерация,

107076, г.Москва, ул Стромынка, 27,

АО «РОСОБОРОНЭКСПОРТ», Пресс-служба

Тел.: +7 (495) 534 61 83;

Факс: +7 (495) 534 61 53

www.roe.ru

