

FOU-GRS 2

Gun recording system

FOU-GRS-2 is a system consisting of multiple observation and measuring devices used for acquiring all necessary parameters for gun rectification on the battlefield. Combining topographic measurements, based on the position of the device and target, with meteorological parameters produced by the onboard weather station, the device calculates necessary data.

Technical characteristics:

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|------------------------------------|------------------------------|
| • GPS horizontal position accuracy | 2m |
| • GPS vertical position accuracy | 4 m |
| • Daytime channel | optical with reticle |
| • Diopter adjustment | ± 5 dptr |
| • Digital magnetic compass | north accuracy 0.45 (8 mils) |
| • Display | digital TFT LCD, 3.5" |
| • Angle measuring accuracy | ≤1 mils |
| • Horizontal angle measuring range | 0-6400 mils |
| • Vertical angle measuring range | ±500 mils |
| • Weather station | MS-3/D1 |
| • Time to first measuring | < 40s |
| • Data transfer | RS 232 |
| • Meteorological data transfer | RS 485 |
| • Transmission interval | 1s or 100 ms |

