

## SHT-3 Gyro North Finder

### 1. Product Description

SHT-3 type gyro north smaller, lighter weight, easy to carry, suitable for measuring changes depending on the scene. SHT-3 type gyro north by a high-precision dual-axis DTG by measuring the angular velocity of the Earth's rotation, self-determined carrier attached to the value of true north, north finder without interference and external magnetic field or other environments. SHT-3 Gyro North Finder can also be combined acceleration measurement and correction of horizontal angles.

### 2. Main Application

Radar, antennas, military vehicles, the initial alignment direction control.

### 3. Main Specifications

Power supply	Direct-current +24V~+36V OR Communicate with 220V, 50Hz
The North accuracy (1 $\sigma$ )	Three kinds of precision Optional: High Precision 0.03° And 0.06°, Medium accuracy 0.1°, Low accuracy 0.5°
The North time	≤3min
Inclination measurement range	±8°
Angle measurement accuracy	0.01°
Temperature requirements	≤65°
Environmental requirements	Meet the requirements of military vehicle radar
MTBF	More than 5000 hours
Ambient temperature	-45°C~+65°C
Operating temperature	-40°C~+60°C
structure type	Portable split
Maintainability	Modular form, each identical functional modules can be interchanged, ease of maintenance, time is not more than 15 minutes

SHT-3

Dimensions	Portable:180×166×139mm
weight	4.7 Kg

Note: supporting digital display, display size length 145mm, width 77mm, height 25mm

