Alpha Surveying

Alpha G05

Alpha G05 Gyro Station

Measuring Accuracy: 5″ | Measuring Time: 10′ | Area of Application: 75°S-75°N

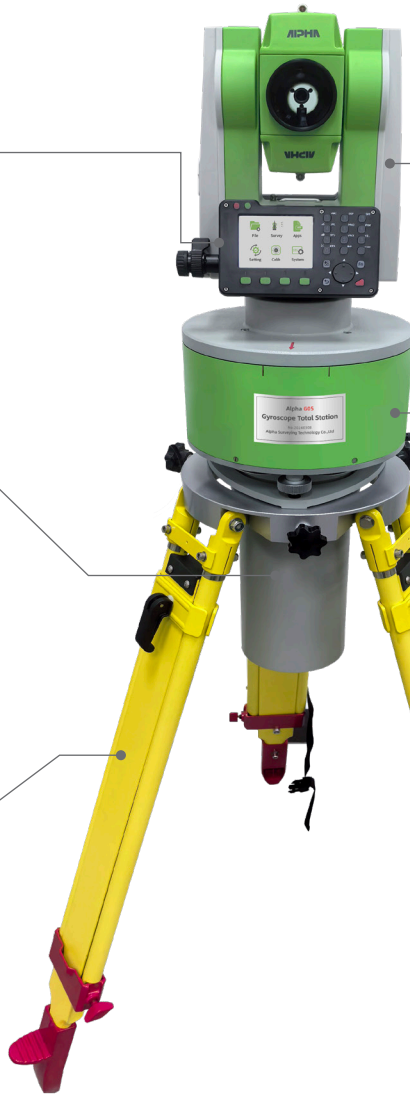


ISO ISO9001

CE

Alpha GOS Product Overview

All-in-one design, automatic measurement. Excellent performance with good stability and high precision. It can determine the target azimuth automatically in a short time, and the operation steps are very simple.





Coal Mine



Subway



Tunnel



Civil Defence



Features

- One-key to determine the north, simple operation
- Automatic zero correction for high precision orientation
- DC permanent magnet motor, high rotational accuracy, low temperature rise
- Multi-layer magnetic shielding design, shielding the external magnetic field to improve the anti-interference ability of the instrument
- All-in-one design, set up on a special tripod and ready to go.

Specifications

Gyroscopes can be used in confined environments with no meteorological considerations and no need to provide known points. It can determine true north from anywhere but the north and south poles, which makes it especially suitable for tunnels, mines, subways and other underground works, and make it the ideal orienteering and measuring tool that cannot be replaced by other instruments.

How It Works

Gyroscopes use filament pendant motors that measure the horizontal component of the Earth's rotational angular velocity to calculate true north direction.

Professional Set



Gyroscopes	×1
Tripod	×1
Battery Case	×1
Power Cable	×1
Charger	×1

Technical Specification

Accuracy	5″
Timing	10min
Latitude Range	75°S~75°N
Working Temperature	-20°C~+50°C
Storage Temperature	-40°C~+50°C
Power	24V DC
Weight	<20kg
Connection Method	all-in-one
Operation	Auto

*The above technical parameters are for your reference.The company reserves the right to change the design and planning of the product based on the actual product.

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