

ER-GT-20 Portable Gyro Theodolite

Features

The product adopts the principle of reverse point tracking method with high positioning accuracy, adopts DC permanent magnet gyro motor to reduce the temperature rise of sensitive parts of the gyro, that is, the equipment has good stability, detachable design, and easy to carry.

Application

Tunnel penetration measurement

Subway engineering survey

Mine through surveying

College survey teaching

Radar precision orientation

Setting up the azimuth datum

Navigation equipment calibration

Specification

Orienteering accuracy	$\leq 20''$ (1σ)
North seeking principle	Integral formula
North seeking time	$\leq 20\text{min}$
Working mode	Manual
Physical characteristics	
Volume (no theodolite)	$\leq \Phi 150\text{mm} \times h 360\text{mm}$
Weight (excluding theodolite)	$\leq 8\text{kg}$
Use of the environment	

ambient temperature	-20~+50°C
relative humidity	5%-98%
Storage environment	
ambient temperature	-40~+60°C
relative humidity	5%-98%