NORTH SEEKER SENSOR

麦新敏微

Micro-Magic
Attitude and Positioning Be Everywhere!

NF1000
TACTICAL GRADE

MEME based North Seeker Sensor

Measuring Axis	X, Y, Z
North Finding Accuracy (1σ)	1°secψ
Heading Accuracy (1σ)	0.5°/h
Pitch/Roll Accuracy (1σ)	0.2°/h
Impact Resistance	1000g,10ms,1/2 sine
Vibration Conditions	6.06grms, 20~2000Hz
Communication Protocol	Rs422
Output Signal	Digital
Pack and Size	Φ31.8*85mm
Weight	400g

NF2000-A/B
TACTICAL GRADE

FOG based North Seeker Sensor

Measuring Axis..X, Y, Z

North Finding Accuracy (1σ)..1/0.5°secψ

Heading Accuracy (1σ)..0.2°/h

Pitch/Roll Accuracy (1σ)...0.1/0.09°/h

Position Accuracy...0.8/1.2nm/h

Impact Resistance...30g,8~11ms,1/2 sine

Vibration Conditions...6.06grms, 20~2000Hz

Communication Protocol...Rs422

Output Signal...Digital

Pack and Size..200*100*90mm

Weight...2Kg

NF3000-A/B/C TACTICAL GRADE

FOG based North Seeker Sensor

Measuring Axis...X, Y, Z
North Finding Accuracy (1σ)..0.02/0.06/0.1°secψ
Heading Accuracy (1σ)..0.01°/h
Pitch/Roll Accuracy (1σ)..0.02/0.06/0.1°/h
Position Accuracy..0.8/1.2/1.5nm/h
Impact Resistance...30g,8~11ms,1/2 sine
Vibration Conditions..6.06grms, 20~2000Hz
Communication Protocol..Rs422
Output Signal..Digital
Pack and Size...248*248*180mm
Weight..20/18/15Kg

GT50
TACTICAL GRADE

Gyroscope Theodolite Sensor

Measuring Axis...X, Y, Z

North Finding Accuracy (1σ)...5"

North Seeking Time (average)..12min

Applicable range... 75°S ~ 75°N

Instrument calibration cycle...12month

Communication Protocol..Rs232C

Output Signal...Digital

Pack and Size…..415*415*800mm

Weight...16Kg

The Leader in China Inertial Sensor Market
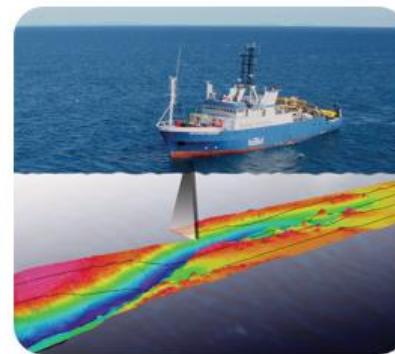
Unmanned Aerial Vehicles

Satellites

Autonomous Vehicles

Remotely Operated Underwater Vehicles

Maritime Echosounder Application

Petroleum Extraction and Exploration