

HT-150-3 Triple-Axial Fiber-Optical Gyroscope

1.General Description

HT-150-3 Triple-Axial Fiber-Optical Gyroscope measures angular velocity in three axial of its carrier in real time, which consists of three Fiber-Optical Gyroscope ,MCU and circuit.

2.Features

- Continuous and stable output of angel and angular velocity;
- High , Stable performance;
- Can be expanded according to requirement.

3.Specifications (All the spcifications below can be customized)

| Number | Parameter | Range |
|--------|---------------------------------------|--|
| 1 | Angular Velocity Measurement Range | $\pm 150^{\circ}/s$ or $\pm 300^{\circ}/s$ |
| 2 | Angle Measurement Range | $0^{\circ} \sim 360^{\circ}$ |
| 3 | Bias Stability | $3^{\circ}/h$ |
| 4 | Random Walk | $0.03(^{\circ})/\sqrt{h}$ |
| 5 | Bandwidth | 100 Hz (1000Hz optional) |
| 6 | Output Interface | RS-232 |
| 7 | Size | 160mm×120mm×120 mm |

| | | |
|----|------------------------------|--------------------------|
| 8 | Weight | 1.5 kg |
| 9 | Power Supply | 9V~18 V DC |
| 10 | Operating Temperature | -40℃~+70℃ |
| 11 | Absolute Temperature | -55℃~+85℃ |
| 12 | Impact | 350g,1ms |
| 13 | Vibration condition | 6g (RMS), 20 Hz~2000 Hz |
| 14 | Absolute vibration condition | 18g (RMS), 20 Hz~2000 Hz |

