



**Sitep Italia**  
Vision Beyond Technology

**Retrofit Gyro** GB-7371  
**Ins System** INS-7371



**FULLY COMPATIBLE**

**FULL MILITARY GRADE**

**FOG SENSORS**

**HIGH ACCURACY**

## Overview

The system based on the state of the art FOG sensors has been designed to offer high performances along with compatibility with on board legacy systems.

The product represents an effective replacement of the most common gyrocompasses becoming obsolete and no longer supportable from the manufacturers assuring the same or higher performances and the electrical-mechanical compatibility.

The system can be supplied in different configurations with different sensors either as pure gyrocompasses or as Inertial Navigator.

## Features

- High Accuracy
- High Reliability
- Easy Maintenance
- Same Interfaces of old systems
- Fully Configurable
- NO ITAR Components
- Sensor IMO Approved



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## Retrofit Gyro GB-7371 Ins System INS-7371

### Technical characteristics:

AVAILABLE VERSIONS	GB-7371(V)150	INS-7371(V)105
SETTING TIME	20 min	20 min
ROLL/PITCH RANGE	+/- 40°	+/- 40°
FOLLOW UP RATE	100°/s	100°/s
HEADING ACCURACY	0.1°	0.05° 0.01° with GPS aid
ROLL/PITCH ACCURACY	0.01°	0.01°
HEAVE (cm or % whichever is greater)	5	5
POSITION	-	1 nm in 12 h

### Interfaces:

SPEED LOG	IEC 61162-1 Synchro 90 VLL,40-10 Kts/rev 200 ppm
GPS	IEC 61162-1
LAN	Ethernet
DIGITAL OUTPUTS	4xRS-422 NMEA 0183 protocol
SYNCHRO OUTPUTS	No.6 Synchro channels 90 VLL 400 Hz, 2 VA

### Electrical:

Power Supply	115v/60-400 HZ
Power Consumption ( Fog Sensor Only)	15 W
UPS	Option

### Environmental:

MIL-STD-810
MIL-STD-461 and IEC 60495
DOD-STD-167-1
MIL-S-901D
MIL-STD-108
MIL-STD-1399 (STANAG 1008)