



THE MOST ADVANCED NORTH SEEKING TECHNOLOGY ON THE MARKET

The Gyro Path® NSG uses the latest in solid state nanotechnology for impressive results in the most extreme drilling conditions.

The rugged design of the Gyro Path NSG delivers consistent performance and the longevity that customers expect after 25 years of making the world's most robust survey instruments.

FEATURES

- SOLID-STATE NORTH SEEKING GYROSCOPIC TECHNOLOGY
- PRECISE ACCURACY UNAFFECTED BY MAGNETIC INTERFERENCE
- RUGGED DESIGN - RELIABLE IN EXTREME DRILLING ENVIRONMENTS
- REAL-TIME AND MEMORY CAPABILITIES
- HIGH TEMPERATURE OPTION
- USER FRIENDLY SOFTWARE

APPLICATIONS

- DROP METHOD GYRO SURVEYS
- MEMORY GYRO SURVEYS
- REAL-TIME GYRO SURVEYS
- REAL-TIME ORIENTATIONS AND STEERING
- GYRO MULTI-SHOT SURVEYS
- GYRO SINGLE-SHOT ORIENTATIONS

PERFORMANCE

- AZIMUTH ACCURACY = +/- 0.1 DEGREES
- GYRO TOOL-FACE ACCURACY = +/- 0.1 DEGREES
- INCLINATION ACCURACY = +/- 0.1 DEGREES
- GRAVITY TOOL-FACE ACCURACY = +/- 0.1 DEGREES
- BATTERY LIFE = GREATER THAN 30 HOURS
- GYRO COMPASS TIME ≤ 1 MINUTE = +/- 0.75 DEGREE
- MEASUREMENT TIME AS FAST AS 15 SECONDS

SENSOR TYPE: INCLINATION

TYPE:	TRIAXIAL
RANGE:	0-180° (APPLICATION DEPENDANT)
ACCURACY:	± 0.1°
SHOCK:	6000G

SENSOR TYPE: GYROSCOPE

TYPE:	SOLID STATE
ACCURACY:	± 0.1°
SHOCK:	2000G

BARE INSTRUMENT SIZE

DIAMETER:	30 mm (1.18")
LENGTH (MEM)	1.54 m (60.7")
LENGTH (WIRE)	1.29 m (50.8")
WEIGHT:	4.05 kg (8.9 lbs)

IN STANDARD PRESSURE HOUSING

DIAMETER:	38 mm (1.5")
LENGTH:	1.99 m (78.4")
PRESSURE (max)	3000 psi
OPERATING TEMP	-30° C TO +85° C

IN HIGH PRESSURE HOUSING

DIAMETER:	44 mm (1.75")
LENGTH:	2.00 m (79.0")
PRESSURE (max)	18000 psi
OPERATING TEMP	-30° C TO +85° C

IN THERMAL HOUSING

DIAMETER:	46 mm (1.8")
LENGTH:	2.36 m (93.1")
PRESSURE (max)	18000 psi
RATED FOR 6 HOURS AT	175° C

Specifications subject to change without prior notice / Spécifications sujettes à changements sans préavis GYRO PATH® is a registered trademark of Icefield Tools Corporation.

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