



Stockholm
Precision Tools



Polestar Aligner

**Designed for gyro rig alignment
on extreme latitudes**



Live azimuth and
inclination high
precision data for
quick, informed
decisions

Polestar Aligner

Technical Specifications

Dimensions	
Clamps Sizes	B-N, H-N, P 57 mm - 117 mm (2,24" - 4,6")
Length	275x172x175 mm (10,8x6,77x6,89")
Weight	8 kg (17,6 lbs)
Operational Environment	
Operational Temperature	-25°C - +60°C (-13°F - +140°F)
Setting Time	10 min
Performance*	
Azimuth Range	0° - 360°
Inclination Range	-90° - +90°
Azimuth Accuracy	0,16° · sec(lat)°
Inclination Accuracy	0,03°

* Accuracy quoted at 1σ

Battery	
Battery Type	Lithium Ion Rechargeable
Operating Time	15 hrs
Data	
Communications	Bluetooth®
Export	SPT SmartCloud via WIFI or 4G LTE
Handheld Device	
Battery	4/6 hrs (8580 mAh)
IP Rating	IP68, IP69K

High precision azimuth at extreme latitudes

The *SPT Polestar Aligner* uses an inertial navigation system and north-seeking gyroscope technology to align drilling rigs with high precision and accuracy, even in the most extreme latitudes.

Up to 6 hours of operation from a single setup in minutes

Get up to 6 continuous hours of ultra-precise gyro equipment alignment in a small, portable, ruggedly designed case. Capture real-time roll, pitch and yaw data.

Detailed QA/QC reports within seconds

Export detailed QA/QC reports in seconds on the industry's most common format or send them to the *SPT SmartCloud™* survey data management system. No more redrilling.



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