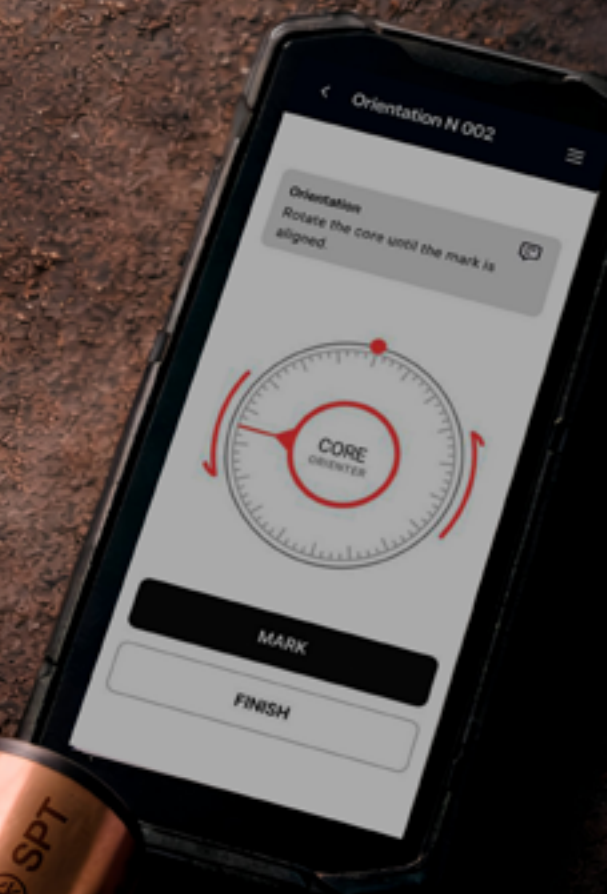




Stockholm  
Precision Tools

2026

# PRODUCT CATALOG 2026







**European Manufacturing,  
Scandinavian Design.**

Based in the heart of Europe, Stockholm Precision Tools (SPT) designs and manufactures advanced gyroscopic surveying systems for mining exploration and blasting operations.

With 3 decades of innovation, we specialize in directional and orientation surveying tools, geological core orientation and analysis systems, and precision rig alignment solutions.

Our commitment to quality is built into every stage of production, from rigorous calibration processes to comprehensive technical support and after-sales service.

Headquartered in Málaga, Spain, and operating in 19 countries, SPT continues to drive technological advancement in the global mining industry.



# INDEX

06

Mission  
Vision  
Technical Support  
SmartCloud™

07

QHSE  
Navibore™ Technology

08

GyroMaster™ Evo  
Technical Specifications  
What's inside?  
CoreRetriever™

10

GyroGamma™  
Technical Specifications

12

GyroScout™  
Technical Specifications  
What's inside?  
Gyro PushRodder™

14

GyroLogic™ Evo  
Technical Specifications  
What's inside?

15

MagCruiser™ Evo  
Technical Specifications  
What's inside?

16

Gyro RigAligner™  
Technical Specifications  
What's inside?

17

Polestar Aligner™  
Technical Specifications  
What's inside?

18

CoreMaster™  
Technical Specifications  
What's inside?

19

SmartCore™  
Technical Specifications  
What's inside?

20

StructMaster™  
Technical Specifications  
Stereonet graphics

21

DepthMaster™  
Technical Specifications  
What's inside?

22

Comparison  
Downhole Navigation  
Rig Alignment  
Core Orientation

## Our Mission

Deliver accurate and reliable data that improves decision-making in the mining, civil engineering, and oil and gas industries, while operating responsibly and supporting the communities where we work.

## Our Vision

To be a global reference in high-precision surveying technology, supporting the energy transition through continuous innovation and contributing to sustainable development in the industries and communities we serve.

## QHSE

Our company operates under an integrated Quality, Health, Safety, and Environment (QHSE) management system that permeates every aspect of our operations and organizational structure. This system is meticulously designed to meet the highest international standards, as attested by our ISO 9001 and ISO 14001 certifications.

These certifications not only certify our dedication to excellence, safety, and environmental sustainability but also emphasize our ongoing dedication to fostering a safe, healthy work environment while ensuring the superior quality of our products and services.



ISO 14001



ISO 9001



Swedish Credit

# 24/7 Tech Support, Available Anytime, Anywhere

Our worldwide infrastructure enables us to provide uninterrupted technical support, accessible 24/7 and in a variety of languages.

[support@sptab.com](mailto:support@sptab.com)

*SmartCloud™ redefines mining QA/QC data management by simplifying storage and organization of borehole surveys in the cloud, with lightning-fast processing speeds.*

*Its tamper-proof architecture guarantees an unbreakable chain of custody, safeguarding the integrity and trustworthiness of the data.*

## SmartCloud™

- ✓ Instantly store and organize data from multiple projects in the cloud.
- ✓ Maintain the integrity of data chain of custody.
- ✓ Tailor user roles and permissions to your specifications
- ✓ Simplify QA/QC reporting with one click
- ✓ Export comprehensive PDF reports and data in multiple formats such as XLS, CSV, LAS, and DXF.



## NAVIBORE™ TECHNOLOGY

Navibore™ incorporates advanced algorithms and data processing techniques into SPT's gyro tools. It introduces an innovative error model that enables self-correction for drift. This exceptional feature sets our systems apart in the industry, guaranteeing unmatched accuracy in data delivery.

# GyroMaster™ Evo

## Solid-State North-Seeking Gyro

GyroMaster™ Evo is a compact north-seeking gyro that aligns to true (geographic) north by sensing the Earth's rotation, making it immune to magnetic interference. Designed for borehole surveying in diamond and RC drilling applications, it also supports precise wedge orientation. It delivers reliable azimuth measurements at all angles and in all conditions.

Its direct-to-overshot connection and integrated single-module design simplify deployment, while built-in QA/QC verification ensures auditable and dependable survey results.

## What's inside?

- 1

Sensor Module
- 2

Swivel\*
- 3

Centralizer Body
- 4

Nosecap
- 5

Roller Centralizers (N, H, P)
- 6

Handheld Device
- 7

Battery Charger
- 8

Spearhead
- 9

Open Jaw Spanner (s)
- \*Available upon request

## Technical Specifications

GyroMaster™ Evo is a solid-state north-seeking gyro designed for precise borehole surveying. By sensing the Earth's rotation, it determines true azimuth independently of magnetic interference.

Built for continuous operation at any inclination, its integrated design and internal quality controls support consistent performance and reliable results in demanding field conditions.

| Dimensions                    |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| Length                        | 1107 mm (43.6 in)                                                          |
| Outer Diameter                | 42 mm (1.65 in)                                                            |
| Weight                        | 5.9 kg (13 lb)                                                             |
| Operational Environment       |                                                                            |
| Depth Pressure                | 5100 psi (35 MPa)                                                          |
| Operational Temperature       | -30°C – +70°C<br>(-22°F – +160°F)                                          |
| Performance                   |                                                                            |
| Azimuth Accuracy*             | 0.16° (At 0° Latitude)                                                     |
| Typical Positional Accuracy** | 0.1 %                                                                      |
| Dip Accuracy*                 | 0.05°                                                                      |
| Toolface Accuracy*            | 0.15°                                                                      |
| Azimuth Range                 | 0° – 360°                                                                  |
| Dip Range                     | -90° – +90°                                                                |
| Survey Mode                   | Multishot - Continuous mode<br>- All latitudes - Wedge<br>Orientation Mode |

\* Accuracy quoted at 1σ

\*\* Well profile and centralization dependent



| Battery            |                                     |
|--------------------|-------------------------------------|
| Battery Type       | Lithium-ion Rechargeable            |
| Operating Time     | > 8 h                               |
| Data               |                                     |
| Communications     | Bluetooth®/Wireline                 |
| Export             | SPT SmartCloud™ via Wi-Fi or 4G LTE |
| Export Format      | PDF, Excel, CSV, LAS, DXF           |
| Graphic Generation | 2D, 3D                              |
| Survey Report      | At any interval                     |
| Handheld Device    |                                     |
| Battery            | 20 h (8580 mAh)                     |
| IP Rating          | IP68, IP69K                         |



Visit Us  
sptab.com/gyromaster-evo



## CoreRetriever™ Add-on

### Enables GyroMaster™ Evo to Do Geological Core Collection and Survey at the Same Time

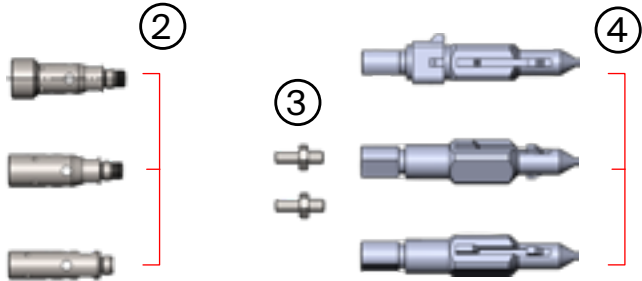
CoreRetriever™, a crucial supplement to GyroMaster™ Evo, allows for simultaneous survey during core retrieval, resulting in significant time savings in diamond drilling operations.

This improvement streamlines operations and enhances efficiency in the field, drastically reducing required man-hours.

| Dimensions |                 |
|------------|-----------------|
| Length     | 2310 mm (91 in) |
| Weight     | 10 kg (22 lb)   |

## Compatible with

### > High Performance Overshot Systems



### > Conventional Wireline Overshots



- 1

GyroMaster™ Evo
- 2

Receiver (B, N, HP)
- 3

Crossover (B, N, HP)
- 4

Overshots (B, N, HP)
- 5

Shock Absorber
- 6

Conventional Overshot



# GyroGamma™

## Integrated Directional Survey and Natural Gamma Logging in One System

By integrating the same solid-state north-seeking gyro technology used in GyroMaster™ with a built-in natural gamma ray detector, GyroGamma™ enables simultaneous downhole directional surveying and gamma logging within a single platform.

This fully integrated solution captures precise borehole trajectory data and continuous gamma ray profiles in one unified dataset, supporting accurate lithological correlation, improved stratigraphic interpretation, and more efficient delineation of mineralized zones during drilling operations.

### > Integrated Geological & Directional Intelligence

GyroGamma™ is a self-contained borehole instrument that integrates a north-seeking gyroscopic sensor with a natural gamma detector in a single configuration. It delivers true azimuth, inclination, and continuous gamma logging in one run, enabling precise borehole trajectory definition together with lithological correlation and stratigraphic interpretation.

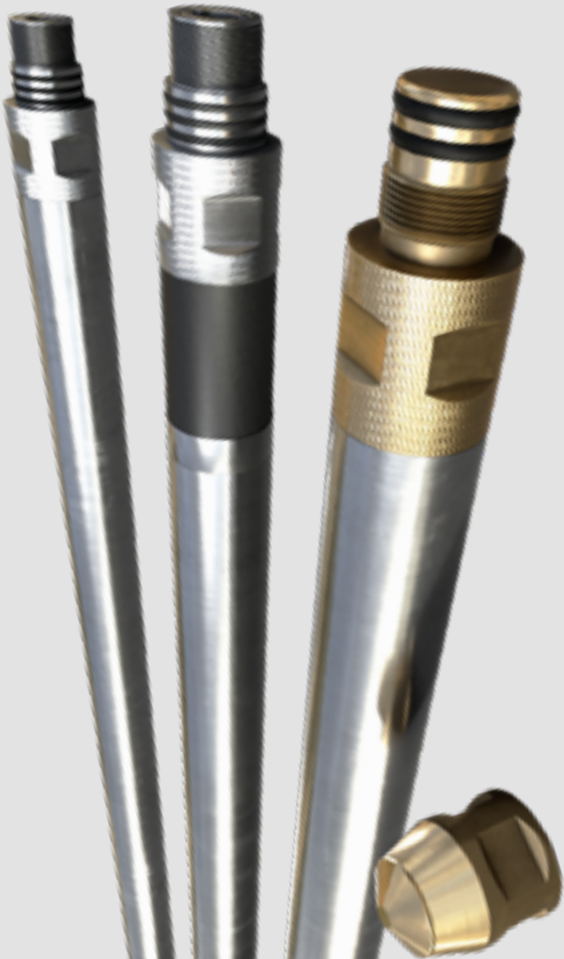
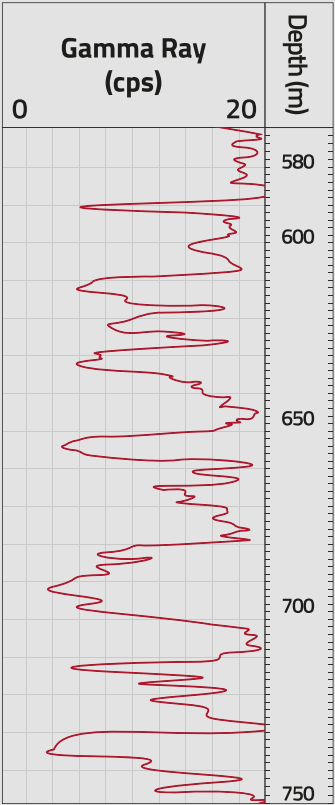
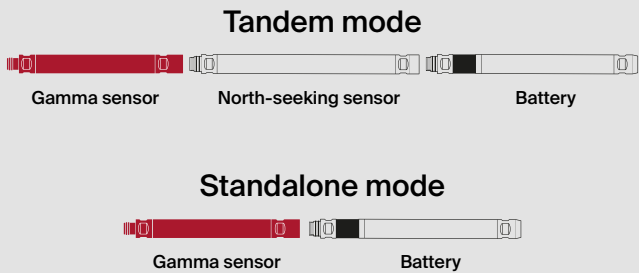
### > Reliable Borehole Trajectory Control

Using SPT's proven north-seeking gyro technology, GyroGamma™ continuously measures inclination, azimuth, and 3D borehole deviation independently of magnetic interference.

The system provides accurate directional surveys for mineral exploration drilling, ensuring confidence in collar positioning, orebody targeting, and structural interpretation.

### > Continuous Natural Gamma Logging for Lithological Correlation

GyroGamma™ records all your measurements in a centralized data file that can be instantly uploaded to the SPT SmartCloud™ cloud platform. This ensures that data is always available, accessible and secure.



## Technical Specifications

GyroGamma™ is a solid-state gamma logging tool designed for high-resolution natural radiation measurements. Its rugged construction, operational simplicity, and full software compatibility make it a reliable solution for geological and exploration environments.

| Dimensions              |                                   |
|-------------------------|-----------------------------------|
| Length (Standalone)     | 1597 mm (62.9 in)                 |
| Length (Tandem GM)      | 2437 mm (96 in)                   |
| Outer Diameter          | 42 mm (1.65 in)                   |
| Weight                  | 9.2 kg (20.3 lb)                  |
| Operational Environment |                                   |
| Depth Pressure          | 7251 psi                          |
| Line Speed              | Up to 15 m/min (59 ft/min)        |
| Operational Temperature | -25°C – +70°C<br>(-14°F – +160°F) |
| Performance             |                                   |
| Detector Type           | CsI(Na)                           |
| GR Accuracy             | 0.07                              |
| Sampling                | 1 hz                              |
| Update rate             | 1 s                               |
| Battery                 |                                   |
| Battery Type            | Lithium-ion Rechargeable          |
| Operating Time          | Standalone 70-80 h<br>Tandem 15 h |
| Handheld Device         |                                   |
| Battery                 | 20 h (8580 mAh)                   |
| IP Rating               | IP68, IP69K                       |



Visit Us  
[sptab.com/gyrogamma/](https://sptab.com/gyrogamma/)

# GyroScout™

## Gyroscopic Reference Tool For Blast Hole Surveying

GyroScout™ is a key solution for quality control in blast hole operations, pivotal on block caving, sublevel caving and other methods.

Its versatility and capability to survey multiple blast holes in sequence greatly optimize blasting operations.

### What's inside?

- 1 Documentation
- 2 Centralizers
- 3 Battery Charger
- 4 Handheld Device
- 5 Open Jaw Spanner (s)
- 6 Sensor Module

### Technical Specifications

| Dimensions                    |                                   |
|-------------------------------|-----------------------------------|
| Length                        | 950 mm (37.4 in)                  |
| Outer Diameter                | 32 mm (1.25 in)                   |
| Weight                        | 2.6 kg (5.73 lb)                  |
| Operational Environment       |                                   |
| Depth Pressure                | 2900 psi                          |
| Operational Temperature       | -10°C – +60°C<br>(+14°F – +140°F) |
| Performance                   |                                   |
| Azimuth Range                 | 0° – 360°                         |
| Dip Range                     | -90° – +90°                       |
| Azimuth Accuracy*             | 0.16°                             |
| Dip Accuracy*                 | 0.05°                             |
| Typical Positional Accuracy** | 0.3%                              |

\* Accuracy quoted at 1σ  
\*\* Well profile dependent.



| Battery            |                                     |
|--------------------|-------------------------------------|
| Battery Type       | Lithium Ion Rechargeable            |
| Operating Time     | 24 h                                |
| Data               |                                     |
| Communications     | Bluetooth®                          |
| Export             | SPT SmartCloud™ via Wi-Fi or 4G LTE |
| Export Format      | PDF, Excel, CSV, LAS, DXF           |
| Graphic Generation | 2D, 3D                              |
| Survey Report      | At any interval                     |
| Handheld Device    |                                     |
| Battery            | 20 h (8580 mAh)                     |
| IP Rating          | IP68, IP69K                         |



Visit Us  
[sptab.com/gyroscout/](https://sptab.com/gyroscout/)

## Gyro PushRodder™ Add-on

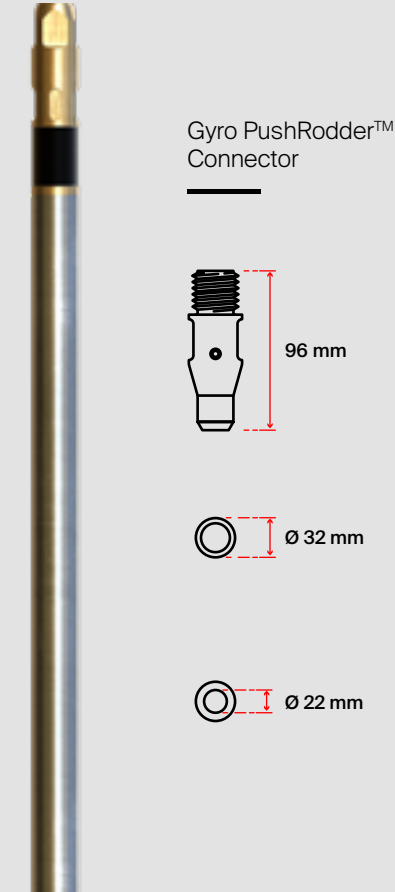
Sync depth data while deploys GyroScout™

Gyro PushRodder™ complements GyroScout™, simplifying deployment in boreholes of any inclination and syncing depth data to the same handheld.

This seamless integration enhances operational efficiency and guarantees optimal precision, boosting field accuracy.

### Technical Specifications

| Dimensions              |                                     |
|-------------------------|-------------------------------------|
| Rod Diameter            | Ø 11 mm (7/16 in)                   |
| Rod Length              | 100 m (330 ft)                      |
| Rod Material            | Glass fiber / Polypropylene shell   |
| Weight                  | 39 kg (86 lb)                       |
| Operational Environment |                                     |
| Bluetooth® Range        | 20 m (65 ft)                        |
| IP Rating               | IP66                                |
| Depth Counting System   | SPT DepthTracker                    |
| Max Working Load        | 580 kg (1278.6 lb)                  |
| Operational Temperature | -20°C – +60°C<br>(-4°F – +140°F)    |
| Performance             |                                     |
| Depth Accuracy          | 0.4%                                |
| Dip Range               | 0 – 360°                            |
| Data                    |                                     |
| Communications          | Bluetooth®                          |
| Export                  | SPT SmartCloud™ via Wi-Fi or 4G LTE |





# GyroLogic™ Evo

## High-Tech Reference Gyro

GyroLogic™ Evo, a solid-state reference gyro, offers a budget-friendly option for projects with limited financial resources, needing rapid and precise surveying free from magnetic interference. It balances accuracy with affordability. Requires an initial azimuth for operation.



Visit Us  
sptab.com/gyrologic

### What's inside?

- 1 Sensor Module
- 2 Centralizer Body
- 3 Battery Charger
- 4 Handheld Device
- 5 Swivel
- 6 Open Jaw Spanner (s)
- 7 Centralizers
- 8 Spearhead

Shock Absorber available upon request.



### Technical Specifications

| Dimensions                    |                                   |
|-------------------------------|-----------------------------------|
| Length                        | 1010 mm (39,76 in)                |
| Outer Diameter                | 35 mm (1.38 in)                   |
| Weight                        | 4.5 kg (9.92 lb)                  |
| Operational Environment       |                                   |
| Depth Pressure                | 4350 psi                          |
| Operational Temperature       | -10°C – +60°C<br>(+14°F – +140°F) |
| Performance                   |                                   |
| Azimuth Accuracy*             | 0.16°                             |
| Gravity Toolface Accuracy*    | 0.16°                             |
| Dip Accuracy*                 | 0.05°                             |
| Typical Positional Accuracy** | 0.2%                              |
| Azimuth Range                 | 0° – 360°                         |
| Dip Range                     | -90° – +90°                       |

\* Accuracy quoted at 1σ  
\*\* Well profile dependent.

| Battery            |                                     |
|--------------------|-------------------------------------|
| Battery Type       | Lithium Ion Rechargeable            |
| Operating Time     | 12 h                                |
| Data               |                                     |
| Communications     | Bluetooth®                          |
| Export             | SPT SmartCloud™ via Wi-Fi or 4G LTE |
| Export Format      | PDF, Excel, CSV, LAS, DXF           |
| Graphic Generation | 2D, 3D                              |
| Survey Report      | At any interval                     |
| Handheld Device    |                                     |
| Battery            | 20 h (8580 mAh)                     |
| IP Rating          | IP68, IP69K                         |

# MagCruiser™ Evo

## Magnetic Surveys in Non-Magnetic Environments

MagCruiser™ Evo delivers accurate azimuth and inclination measurements referenced to Magnetic North for exploration drilling applications. Its compact, single-module design integrates all components into one lightweight unit, simplifying handling and deployment in the field.

With long-life battery autonomy and seamless SmartCloud™ synchronization, survey data is instantly accessible, centralized, and ready for validation.



Visit Us  
sptab.com/magcruiser

### What's inside?

- 1 Extension Bars
- 2 MagCruiser™ Evo
- 3 Battery
- 4 O-ring Lubricant
- 5 Handheld Device
- 6 Open Jaw Spanner (s)
- 7 Shock Absorber
- 8 A Bitstopper
- 8 B Bitstopper Centralizers



### Technical Specifications

| Dimensions               |                                  |
|--------------------------|----------------------------------|
| Length                   | 680mm (26.77 in)                 |
| Outer Diameter           | 35 mm (1.375 in)                 |
| Weight                   | 3.3kg (7 lb)                     |
| Operational Environment  |                                  |
| Depth Pressure           | 4350 psi                         |
| Operational Temperature  | -20°C – +60°C<br>(-4°F – +140°F) |
| Performance              |                                  |
| Azimuth Range            | 0° – 360°                        |
| Dip Range                | -90° – +90°                      |
| Azimuth Accuracy*        | 0.16°                            |
| Dip Accuracy*            | 0.05°                            |
| Magnetic Dip Accuracy*   | 0.07°                            |
| Magnetic Field Range     | -70000 nT – +70000 nT            |
| Magnetic Field Accuracy* | ± 58 nT                          |

\* Accuracy quoted at 1σ

| Battery            |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Battery Type       | Non-rechargeable lithium                                                              |
| Operating Time     | 6 months (intensive use)<br>12 months (standard use)<br>24 months (low-frequency use) |
| Data               |                                                                                       |
| Communications     | Bluetooth®                                                                            |
| Export             | SPT SmartCloud™ via Wi-Fi or 4G LTE                                                   |
| Export Format      | PDF, Excel, CSV, LAS, DXF                                                             |
| Graphic Generation | 2D, 3D                                                                                |
| Survey Report      | At any interval                                                                       |
| Handheld Device    |                                                                                       |
| Battery            | 20 h (8580 mAh)                                                                       |
| IP Rating          | IP68, IP69K                                                                           |



# Gyro RigAligner™

## Precise Drilling Rig Alignment Under 5 Minutes

Gyro RigAligner™ is a rig alignment system based on gyroscopic technology that finds true north and orients in less than 5 minutes.

With a lightweight and portable design this tool is versatile enough to guide drilling rigs in both surface and subsurface operations.

### Technical Specifications

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Dimensions              |                                                     |
| Clamp Sizes             | B-N, H-N, P<br>57 mm - 117 mm<br>(2.24 in - 4.6 in) |
| Length                  | 242 × 162 × 82 mm<br>(9.53 × 6.38 × 3.23 in)        |
| Weight                  | 5.3 kg (11.8 lb)                                    |
| Operational Environment |                                                     |
| Continuous Data Output  | Applicable                                          |
| Operational Temperature | -25°C – +60°C<br>(-13°F – +140°F)                   |
| Setting Time            | < 5 min                                             |
| Surface                 | Applicable                                          |
| Underground             | Applicable                                          |
| Data                    |                                                     |
| Communications          | Bluetooth®                                          |
| Export                  | SPT SmartCloud™<br>via Wi-Fi or 4G LTE              |
| Performance             |                                                     |
| Azimuth Accuracy*       | 0.4°                                                |
| Dip Accuracy*           | 0.05°                                               |
| Azimuth Range           | 0° - 360°                                           |
| Dip Range               | -90° – +90°                                         |
| * Accuracy quoted at 1σ |                                                     |
| Battery                 |                                                     |
| Battery Type            | Lithium Ion<br>Rechargeable                         |
| Operating Time          | 10 h                                                |
| Handheld Device         |                                                     |
| Battery                 | 20 h (8580 mAh)                                     |
| IP Rating               | IP68, IP69K                                         |

### What's inside?



- 1 Gyro RigAligner™
- 2 Clamps
- 3 Additional Clamps
- 4 Handheld Device
- 5 Battery Charger



Visit Us  
sptab.com/gyro-rigaligner/

# Polestar Aligner™

## All Purpose Drilling Rig Aligner

For precision at high latitudes and extreme conditions, Polestar Aligner™ delivers top-notch rig alignment through advanced inertial navigation, suitable for both surface and subsurface operations.

### Technical Specifications

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Dimensions              |                                                     |
| Clamp Sizes             | B-N, H-N, P<br>57 mm - 117 mm<br>(2.24 in - 4.6 in) |
| Length                  | 275 × 172 × 175 mm<br>(10.8 × 6.77 × 6.89 in)       |
| Weight                  | 8 kg (17.6 lb)                                      |
| Operational Environment |                                                     |
| Operational Temperature | -25°C – +60°C<br>(-13°F – +140°F)                   |
| Setting Time            | 10 min                                              |
| Performance             |                                                     |
| Azimuth Range           | 0° - 360°                                           |
| Dip Range               | -90° – +90°                                         |
| Azimuth Accuracy*       | 0.16° ·sec(lat)°                                    |
| Dip Accuracy*           | 0.03°                                               |
| * Accuracy quoted at 1σ |                                                     |
| Battery                 |                                                     |
| Battery Type            | Lithium Ion<br>Rechargeable                         |
| Operating Time          | 6 h                                                 |
| Data                    |                                                     |
| Communications          | Bluetooth®                                          |
| Export                  | SPT SmartCloud™<br>via Wi-Fi or 4G LTE              |
| Handheld Device         |                                                     |
| Battery                 | 20 h (8580 mAh)                                     |
| IP Rating               | IP68, IP69K                                         |

### What's inside?



- 1 Polestar Aligner™
- 2 Handheld Device
- 3 Battery Charger
- 4 Clamps



Visit Us  
sptab.com/polestar-aligner/

# CoreMaster™

## Digital Multidiameter Core Orienter

With CoreMaster™, the orientation of cores across different drilling diameters is straightforward. Its Bluetooth® technology eliminates the need for disassembly, speeding up operations and facilitating the export of data or its direct synchronization with cloud services in no time.

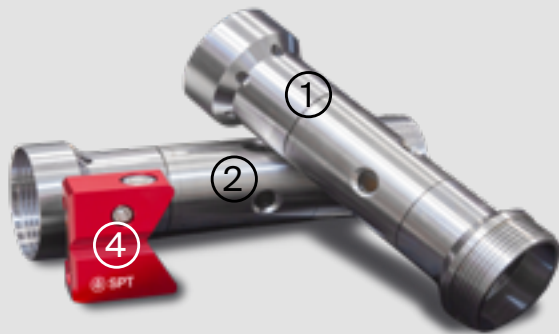
## Technical Specifications

| Dimensions                      |                                            |
|---------------------------------|--------------------------------------------|
| Core Sizes                      | B, N, N2 (NTK), N3, NTW, H, H3, HTW, P, P3 |
| Length                          | 259 mm (10.2 in)                           |
| Weight                          | 2.4 kg (5.3 lb)                            |
| Dimensions for Size B may vary. |                                            |
| Operational Environment         |                                            |
| Depth Pressure                  | 5000 psi                                   |
| Operational Temperature         | -30°C – +75°C<br>(-22°F – +167°F)          |
| Performance                     |                                            |
| Dip Range                       | -88° – +88°                                |
| Toolface Accuracy*              | 0.6°                                       |
| Toolface Range                  | 0 – 360°                                   |
| * Accuracy quoted at 1σ         |                                            |
| Battery                         |                                            |
| Battery Type                    | Non-rechargeable lithium battery pack      |
| Field Chargeable                | Replaceable                                |
| Operating Time                  | > 6 months                                 |
| Data                            |                                            |
| Communications                  | Bluetooth®                                 |
| Export                          | SPT SmartCloud™ via Wi-Fi or 4G LTE        |
| Handheld Device                 |                                            |
| Battery                         | 20 h (8580 mAh)                            |
| IP Rating                       | IP68, IP69K                                |

## What's inside?



- 1 CoreMaster™ Sensor
- 2 CoreMaster™ Sensor
- 3 Handheld Device
- 4 Level
- 5 Marker Pen
- 6 Li-ion Battery



Visit Us  
sptab.com/coremaster/

# SmartCore™

## Inner-Tube Integrated Core Orientation System

Installed directly in the inner tube head assembly, SmartCore™ streamlines core orientation without core barrel extensions. As the core is recovered, SmartCore™ connects instantly to the PDA to download orientation data, enabling orientation marking and core condition classification in a single step.

Orientation and contextual data sync automatically with SPT SmartCloud™, integrating via open API with your preferred data management platform to ensure full traceability and structured QA/QC workflows.

## Technical Specifications

| Dimensions         | B (Size)                                | N (Size)          | H/P (Size)        |
|--------------------|-----------------------------------------|-------------------|-------------------|
| Weight             | 0.4 kg (0.9 lb)                         | 0.65 kg (1.4 lb)  | 1.3 kg (2.9 lb)   |
| Length             | 58 mm (2.28 in)                         | 66.5 mm (2.62 in) | 73 mm (2.87 in)   |
| Internal Diameter  | 16 mm (0.63 in)                         | 25.6 mm (1.01 in) | 31.9 mm (1.26 in) |
| External Diameter  | 43 mm (1.69 in)                         | 56 mm (2.2 in)    | 70 mm (2.76 in)   |
| Core Sizes         | B, N, N2 (NTK), N3, H, H3, P, P3        |                   |                   |
| Operating ratings  |                                         |                   |                   |
| Temperature range  | -30°C – +60°C<br>-22°F – +140°F         |                   |                   |
| Maximum pressure   | 30 MPa (4350 psi)                       |                   |                   |
| Performance        |                                         |                   |                   |
| Toolface Accuracy* | 0.5°                                    |                   |                   |
| Toolface Range     | 0° to 360°                              |                   |                   |
| Dip Accuracy*      | 0.05°                                   |                   |                   |
| Dip Range          | -88° – +88°                             |                   |                   |
| Battery            |                                         |                   |                   |
| Operating time     | > 6 months                              | > 12 months       | > 18 months       |
| Battery Type       | Non-rechargeable lithium (Li-SOCl2)     |                   |                   |
| Data               |                                         |                   |                   |
| Communications     | Bluetooth®                              |                   |                   |
| Export             | SPT SmartCloud™ via Wi-Fi, 3G or 4G LTE |                   |                   |
| Handheld Device    |                                         |                   |                   |
| Battery            | 20 h                                    |                   |                   |
| IP Rating          | IP68, IP69K                             |                   |                   |
| Operating System   | Android OS 10-15                        |                   |                   |

\* Accuracy quoted at 1σ

## What's inside?



- 1 SmartCore N
- 2 Protection Rings
- 3 SmartCore H/P
- 4 Handheld device
- 5 Marker Pen
- 6 Level



Visit Us  
sptab.com/smartcore/



# StructMaster™

Maximum traceability beyond the core shack

With StructMaster™, structural logs are now recalculable anytime.

StructMaster™ is the only portable solution that allows you to capture, verify, and recalculate alpha ( $\alpha$ ) and beta ( $\beta$ ) angles in oriented diamond drill cores—beyond the core shack.

Powered by Android OS, StructMaster™ analyzes and processes images with artificial intelligence directly from the PDA, requiring no additional hardware. It enables real-time verification and visualization of structural data through stereonet charts.

With image capture for every structure, StructMaster™ redefines reliability in geological analysis and ensures accuracy in any environment.

## Technical Specifications

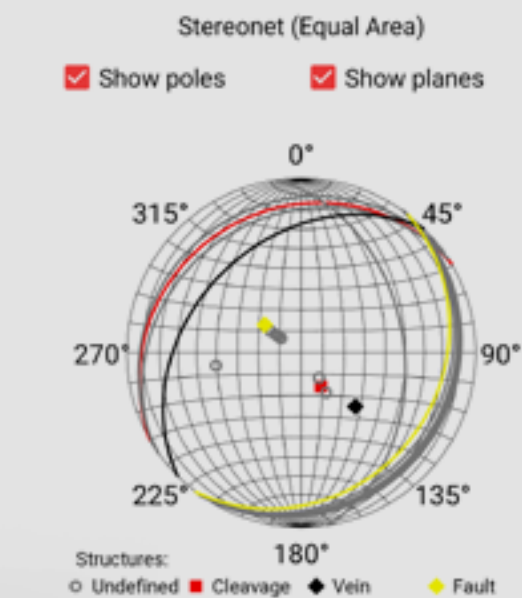
| Performance      |                              |
|------------------|------------------------------|
| Angular Accuracy | < 4°                         |
| Dimensions       |                              |
| Dimensions       | 81.2 mm x 175.8 mm x 18.1 mm |
| Processor        | Helio G99 Octa-Core          |
| RAM              | 8 GB                         |
| Storage (ROM)    | 256 GB                       |
| Camera           | 50 MP                        |
| Operating System | Android 14 / Android 15      |
| Battery          | 10600mA/h                    |
| IP Rating        | IP68 / IP69K proof           |



### MAIN BENEFITS

- > **Automatic structure identification with AI** and stereonet verification directly on the device.
- > **Recalculate angles anytime** as recorded structure images ensure logs are no longer irreversible.
- > **Intuitive, easy-to-learn** interface that speeds up the process and improves quality control.
- > **Detailed reports from the handheld device**, including stereonet charts, structure images, and labeled data.
- > **Instant results**, no manual processing or additional hardware required.

## Stereonet charts



Visit Us  
[sptab.com/structmaster/](https://sptab.com/structmaster/)

# DepthMaster™

Precise depth measurement for downhole navigation

DepthMaster™ is a digital depth tracking system engineered to seamlessly integrate with SPT directional survey tools, synchronizing depth with inclination and azimuth data.

Precision depth control is essential for accurate surveying. DepthMaster™ supports high-speed operations without compromising accuracy. Its remote functionality enhances safety by allowing operators to work from a secure distance, reducing risk.

Compact and user-friendly, DepthMaster™ is lightweight, quick to assemble, and easy to install. It is the ideal companion for wireline-deployed high-precision tools such as GyroMaster™ and GyroLogic™.

## Technical Specifications

| Dimensions              |                                            |
|-------------------------|--------------------------------------------|
| Dimensions              | 505 × 330 × 115 mm<br>(19.9 × 13 × 4.5 in) |
| Weight                  | 7.3 kg (16.1 lb)                           |
| Operational Environment |                                            |
| Compatible drill pipes  | B, N, H, P                                 |
| Driller Deployable      | Yes                                        |
| Power                   | Rechargeable lithium-ion battery           |
| Operational Temperature | -20°C – +60°C<br>(-4°F – +140°F)           |

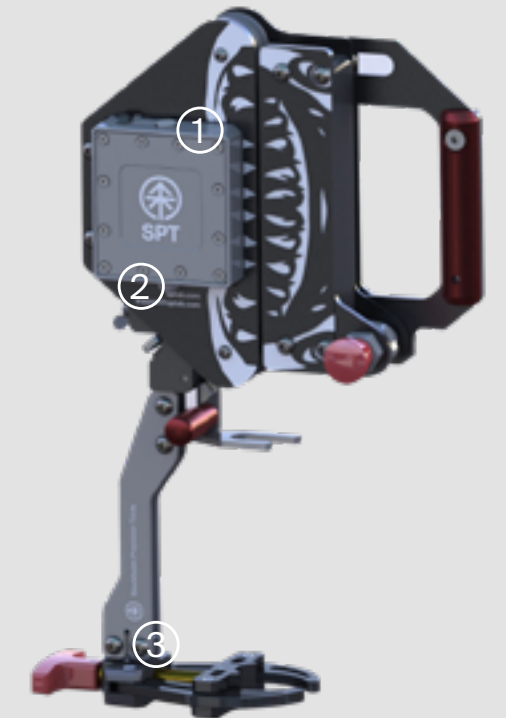
| Performance             |                                     |
|-------------------------|-------------------------------------|
| *Accuracy               | 0.1% of measured depth              |
| * Accuracy quoted at 1σ |                                     |
| Data                    |                                     |
| Communications          | Bluetooth® 5.1 LE (Low Energy)      |
| Export                  | SPT SmartCloud™ via Wi-Fi or 4G LTE |

| Handheld Device |                |
|-----------------|----------------|
| Battery         | 20 h (8580mAh) |
| IP Rating       | IP66           |



Visit Us  
[sptab.com/depthmaster/](https://sptab.com/depthmaster/)

## What's inside?



- 1 SPT DepthMaster
- 2 Depth Sensor
- 3 Clamps



Downhole Navigation Tools

| DIMENSIONS                    | GyroMaster™ Evo                                                                 | GyroScout™                             | GyroLogic™ Evo                         | MagCruiser™ Evo                        |
|-------------------------------|---------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Length                        | 1107 mm (43.6 in)                                                               | 950 mm (37.4 in)                       | 1010 mm (39.76 in)                     | 680mm (26.77 in)                       |
| Outer Diameter                | 42 mm (1.65 in)                                                                 | 32 mm (1.25 in)                        | 35 mm (1.38 in)                        | 35 mm (1.375 in)                       |
| Weight                        | 5.9kg (13 lb)                                                                   | 2.6 kg (5.73 lb)                       | 4.5 kg (9.92 lb)                       | 3.3kg (7 lb)                           |
|                               |                                                                                 |                                        |                                        |                                        |
| OPERATIONAL ENVIRONMENT       |                                                                                 |                                        |                                        |                                        |
| Depth Pressure                | 35MPa (5100 psi)                                                                | 20MPa (2900 psi)                       | 30MPa (4350 psi)                       | 30MPa (4350 psi)                       |
| Operational Temperature       | -30°C – +70°C<br>(-22°F – +160°F)                                               | -10°C – +60°C<br>(+14°F – +140°F)      | -10°C – +60°C<br>(+14°F – +140°F)      | -20°C – +60°C<br>(-4°F – +140°F)       |
|                               |                                                                                 |                                        |                                        |                                        |
| PERFORMANCE                   |                                                                                 |                                        |                                        |                                        |
| Azimuth Accuracy*             | 0.16° (At 0° Latitude)                                                          | 0.16°                                  | 0.16°                                  | 0.16°                                  |
| Typical Positional Accuracy** | 0.1%                                                                            | 0.3%                                   | 0.2%                                   |                                        |
| Dip Accuracy*                 | 0.05°                                                                           | 0.05°                                  | 0.05°                                  | 0.05°                                  |
| Toolface Accuracy*            | 0.15°                                                                           |                                        | 0.16°                                  | 0.3°                                   |
| Azimuth Range                 | 0° – 360°                                                                       | 0° – 360°                              | 0° – 360°                              | 0° – 360°                              |
| Dip Range                     | -90° – +90°                                                                     | -90° – +90°                            | -90° – +90°                            | -90° – +90°                            |
| Survey Mode                   | Multishot -<br>Continuous mode<br>- All latitudes-<br>Wedge Orientation<br>Mode | Continuous                             | Continuous                             | Multishot                              |
| Magnetic environment          | Unaffected                                                                      | Unaffected                             | Unaffected                             | Affected by magnetic<br>interference   |
|                               |                                                                                 |                                        |                                        |                                        |
| BATTERY                       |                                                                                 |                                        |                                        |                                        |
| Battery Type                  | Lithium Ion<br>Rechargeable                                                     | Lithium Ion<br>Rechargeable            | Lithium Ion<br>Rechargeable            | Non-rechargeable<br>lithium            |
| Operating Time                | > 8 h                                                                           | 24 h                                   | 12 h                                   | Up to 24 months                        |
|                               |                                                                                 |                                        |                                        |                                        |
| DATA                          |                                                                                 |                                        |                                        |                                        |
| Communications                | Bluetooth®<br>/Wireline                                                         | Bluetooth®                             | Bluetooth®                             | Bluetooth®                             |
| Export                        | SPT SmartCloud™<br>via Wi-Fi or 4G LTE                                          | SPT SmartCloud™<br>via Wi-Fi or 4G LTE | SPT SmartCloud™<br>via Wi-Fi or 4G LTE | SPT SmartCloud™<br>via Wi-Fi or 4G LTE |
| Export Format                 | PDF, Excel, CSV, LAS,<br>DXF                                                    | PDF, Excel, CSV,<br>LAS, DXF           | PDF, Excel, CSV, LAS,<br>DXF           | PDF, Excel, CSV, LAS,<br>DXF           |
| Graphic Generation            | 2D, 3D                                                                          | 2D, 3D                                 | 2D, 3D                                 | 2D, 3D                                 |
| Survey Report                 | At any interval                                                                 | At any interval                        | At any interval                        | At any interval                        |

\* Accuracy quoted at 1σ  
\*\* Well profile dependent.



Rig Alignment Tools

| DIMENSIONS              | Gyro RigAligner™                                    | Polestar Aligner™                                   |
|-------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Clamp Sizes             | B-N, H-N, P<br>57 mm – 117 mm<br>(2.24 in – 4.6 in) | B-N, H-N, P<br>57 mm – 117 mm<br>(2.24 in – 4.6 in) |
| Length                  | 242 x 162 x 82 mm<br>(9.53 x 6.38 x 3.23 in)        | 275 x 172 x 175 mm<br>(10.8 x 6.77 x 6.89 in)       |
| Weight                  | 5.3 kg (11.8 lb)                                    | 8 kg (17.6 lb)                                      |
|                         |                                                     |                                                     |
| OPERATIONAL ENVIRONMENT |                                                     |                                                     |
| Continuous Data Output  | Applicable                                          | Applicable                                          |
| Operational Temperature | -20°C – +60°C<br>(-4°F – +140°F)                    | -25°C – +60°C<br>(-13°F – +140°F)                   |
| Setting Time            | < 5 min                                             | 10 min                                              |
| Surface                 | Applicable                                          | Applicable                                          |
| Underground             | Applicable                                          | Applicable                                          |
|                         |                                                     |                                                     |
| PERFORMANCE             |                                                     |                                                     |
| Azimuth Accuracy*       | 0.4°                                                | 0.16° ·sec(lat)°                                    |
| Dip Accuracy*           | 0.05°                                               | 0.03°                                               |
| Azimuth Range           | 0° – 360°                                           | 0° – 360°                                           |
| Dip Range               | -90° – +90°                                         | -90° – +90°                                         |
|                         |                                                     |                                                     |
| BATTERY                 |                                                     |                                                     |
| Battery Type            | Lithium Ion<br>Rechargeable                         | Lithium Ion<br>Rechargeable                         |
| Operating Time          | 10 h                                                | 6 h                                                 |
|                         |                                                     |                                                     |
| DATA                    |                                                     |                                                     |
| Communications          | Bluetooth®                                          | Bluetooth®                                          |
| Export                  | SPT SmartCloud™ via Wi-Fi<br>or 4G LTE              | SPT SmartCloud™<br>via Wi-Fi or 4G LTE              |

\* Accuracy quoted at 1σ





## Core Orientation Tools

## Notes

| DIMENSIONS              | CoreMaster™                                                                        | SmartCore™                                                                           |
|-------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Core Sizes              | B, N, N2 (NTK), N3, NTW, H, H3, HTW, P, P3<br>57 mm – 117 mm<br>(2.24 in – 4.6 in) | B, N, N2 (NTK), N3, H, H3, P, P3<br>57 mm – 117 mm<br>(2.24 in – 4.6 in)             |
| Length                  | 259 mm (10.2 in)                                                                   | 58 mm (2.28 in) (B-Size)<br>66.5 mm (2.62 in) (N-Size)<br>73 mm (2.87 in) (H/P-Size) |
| Weight                  | 2.4 kg (5.3 lb)                                                                    | 0.4 kg (0.9 lb) (B-Size)<br>0.65 kg (1.4 lb) (N-Size)<br>1.3 kg (2.9 lb) (H/P-Size)  |
|                         |                                                                                    |                                                                                      |
| OPERATIONAL ENVIRONMENT |                                                                                    |                                                                                      |
| Depth Pressure          | 35 MPa (5000 psi)                                                                  | 30 MPa (4350 psi)                                                                    |
| Operational Temperature | -30°C – +75°C<br>(-22°F – +167°F)                                                  | -30°C – +60°C<br>(-22°F – +140°F)                                                    |
|                         |                                                                                    |                                                                                      |
| PERFORMANCE             |                                                                                    |                                                                                      |
| Toolface Accuracy*      | 0.6°                                                                               | 0.5°                                                                                 |
| Dip Accuracy*           |                                                                                    | 0.05°                                                                                |
| Toolface Range          | 0° to 360°                                                                         | 0° to 360°                                                                           |
| Dip Range               | -88° – +88°                                                                        | -88° – +88°                                                                          |
| * Accuracy quoted at 1σ |                                                                                    |                                                                                      |
| BATTERY                 |                                                                                    |                                                                                      |
| Battery Type            | Non-rechargeable lithium battery pack                                              | Non-rechargeable lithium (Li-SOCl2)                                                  |
| Operating Time          | > 6 months                                                                         | > 6 months (B-Size)<br>> 12 months (N-Size)<br>> 18 months (H/P-Size)                |
|                         |                                                                                    |                                                                                      |
| DATA                    |                                                                                    |                                                                                      |
| Communications          | Bluetooth®                                                                         | Bluetooth®                                                                           |
| Export                  | SPT SmartCloud™ via Wi-Fi or 4G LTE                                                | SPT SmartCloud™ via Wi-Fi or 4G LTE                                                  |



# PRODUCT CATALOG



@SPTAB



Stockholm Precision Tools AB



Stockholm Precision Tools AB (SPT)



@StockholmPrecisionTools

[sptab.com](https://sptab.com)

## CONTACT US



### EUROPE

**Sweden**  
+46 (8) 590 733 10  
**Spain (HQ)**  
+34 (952) 179 918  
**Portugal**  
+351 (239) 629 141  
**Nordic Region**  
+358 400 969 660  
**Turkey**  
+90 (312) 354 65 50

### AFRICA

**South Africa**  
+34 (952) 179 918  
**Ghana**  
+233 24 495 1400

### NORTH AMERICA

**Canada**  
+1 (877) 594 4633  
**USA**  
+1 (801) 518-3053  
**Mexico**  
+52 (662) 437 1411

### SOUTH AMERICA

**Argentina**  
+54 (3549) 468364  
**Brazil**  
+55 (31) 99702-0090  
**Chile**  
+56 (9) 8238 2609  
**Colombia**  
+57 310 8362 750

**Ecuador**  
+593 (99) 200 1060  
**Peru**  
+51 (982) 505 682  
**Bolivia**  
+591 (7) 721 2102

### ASIA-PACIFIC

**Indonesia (Mining)**  
+62 (811) 11 8 1608  
**Indonesia (O&G)**  
+62 (212) 7650 756  
**Mongolia**  
+976 9903 0960  
**Saudi Arabia**  
+966 (54) 698 6518

### EURASIA

**Armenia**  
+374 (77) 815 683  
**Kazakhstan**  
+7 (705) 160 2241

[sptab.com](https://sptab.com) | [sales@sptab.com](mailto:sales@sptab.com)

© Stockholm Precision Tools AB. All rights reserved.  
A1-04-2026