The DeviCore BBT is the tried and true core orientation instrument from Devico. Unlike competing products the DeviCore BBT can be supplied with a patent pending scribing system adding a continuous scribe line to the core sample as it enters the inner tube. The DeviCore BBT was developed to be user friendly and efficient, keeping the influence on the daily production rates at a minimum.

The kit includes two DeviCore BBT probes with changeable survey tools and a core barrel extension, and is ready to be assembled on the drilling equipment on site. The probes have a valve system in front securing that pump-in time is not affected.

**Applications**
- Diamond Drilling core orientation
- Down hole orientation
- Geotechnical investigation
- Exploration

**Benefits**
- Available for sales or rental
- Cost effective core orientation system
- Transferable electronics to other running gear sizes
- Inclination data recorded
- Highly robust and reliable
- High precision system
- Digital results with archived data, no manual results transcription
- QA check
- DeviSoft software easy to manage
**DeviCore BBT**

DeviCore BBT comes equipped with the IP67 rated Nomad PDA system and DeviSoft Mobile software. The operation follows a clear step-by-step procedure, and one probe can be started or downloaded while the other is down in the hole.

DeviCore BBT uses three high-accuracy accelerometers, it measures inclination, orientation, gravity vector, temperature and battery status, and offers quality control on the results. Communication between DeviCore BBT and the PDA is done wirelessly via Brilliant Blue Technology, without the need of opening a single thread.

**Battery**

Long life internal replacement battery means the DeviCore BBT instrument can remain at the drill site without requiring charging. The internal battery is exchanged every 2 to 6 months.

**PDA**

A Nomad PDA is utilised to initialise, activate, display results and store core orientation data from the DeviCore BBT.

Data is exported in batches to a USB stick.

The Nomad PDA has a long life rechargeable battery and is IP67 rated.

**Processing Software**

DeviSoft Mobile is a PDA driven software consistent across all Devico products and is intuitive and simple to navigate.

Data points can be reviewed and verified at the drill site with a plot showing position. Any magnetically affected data points are flagged red.

**Data Transfer**

Export csv data files via USB stick.

**Probe Transfer**

Versatile upgrade to any other sizes running gear without the need of purchasing a new full kit.

**Maintenance**

Very low maintenance is necessary with the Devicore BBT. Devico recommends a calibration check once every two years.

---

### Technical Specifications

**Survey tool**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>3.9kg/8.6lbs</td>
</tr>
<tr>
<td>Diameter</td>
<td>*</td>
</tr>
<tr>
<td>Length</td>
<td>410mm/16.1&quot;</td>
</tr>
<tr>
<td>Magnetic</td>
<td>No</td>
</tr>
<tr>
<td>Running gear</td>
<td>Integrated</td>
</tr>
<tr>
<td>Inclination accuracy</td>
<td>±0.1°</td>
</tr>
<tr>
<td>Orientation accuracy</td>
<td>±0.5°</td>
</tr>
</tbody>
</table>

**PDA**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Rugged smartphone</td>
</tr>
<tr>
<td>Software</td>
<td>DeviCore app</td>
</tr>
<tr>
<td>Battery life/type</td>
<td>15 hours/Lithium</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP68</td>
</tr>
</tbody>
</table>

---

Battery

Long life internal replacement battery means the DeviCore BBT instrument can remain at the drill site without requiring charging. The internal battery is exchanged every 2 to 6 months.

PDA

A Nomad PDA is utilised to initialise, activate, display results and store core orientation data from the DeviCore BBT.

Data is exported in batches to a USB stick.

The Nomad PDA has a long life rechargeable battery and is IP67 rated.

Processing Software

DeviSoft Mobile is a PDA driven software consistent across all Devico products and is intuitive and simple to navigate.

Data points can be reviewed and verified at the drill site with a plot showing position. Any magnetically affected data points are flagged red.

Data Transfer

Export csv data files via USB stick.

Probe Transfer

Versatile upgrade to any other sizes running gear without the need of purchasing a new full kit.

Maintenance

Very low maintenance is necessary with the Devicore BBT. Devico recommends a calibration check once every two years.