



CORE-BEIL®
ROCK TOOLS
www.corebeil.com



Magnetic survey tools **DeviShot**

The most innovative multishot survey tool on the market.

This NEW versatile rugged instrument features a low voltage wireless communication system with Brilliant Blue Technology (BBT), a robust integrated running gear, limited maintenance, quality control of survey data, LED indicator for communication, battery control.

The **DeviShot** is designed with user-friendliness in mind and comes assembled and ready for use straight from the box. The integrated running gear enables operation at great depths, while an efficient BBT activation system ensures minimal power consumption and long battery life.

The **DeviShot** comes equipped with the IP68 rated Nomad PDA system and the highly flexible **DeviSoft.Mobile** software. It can be used in most situations and will for instance easily operate as single shot, multi shot, with constant or variable depth interval, and for surveying in and/or out. The instrument is ready to go as it is, regardless of whether you want to survey exploration boreholes, grout curtains or blast holes.

The **DeviShot** is using Brilliant Blue Technology to communicate wirelessly with the PDA and the results can be viewed on the PDA screen in the field once the data is downloaded from the tool. The results can thereafter be transferred to a USB-memory stick and given to the client, or further processed in **DeviSoft**, analyzed and plotted.

TECHNICAL SPECIFICATIONS

Weight	5.7 kg/12.6 lbs
Diameter*	35 mm/1.38"
Length	1170 mm/46.1"
Magnetic	Yes
Running gear	Integrated
Inclination accuracy	±0.1°
Azimuth accuracy	±0.5°
Tool face accuracy	±0.2°

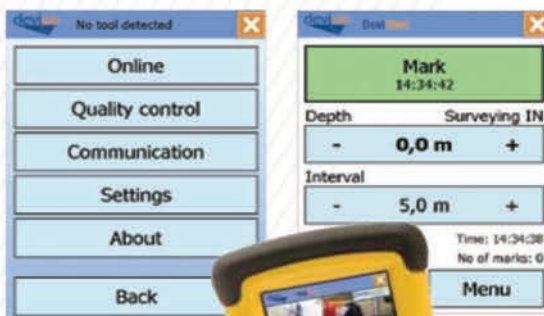
*Also available in 30 mm.

**BATTERY
PACK**

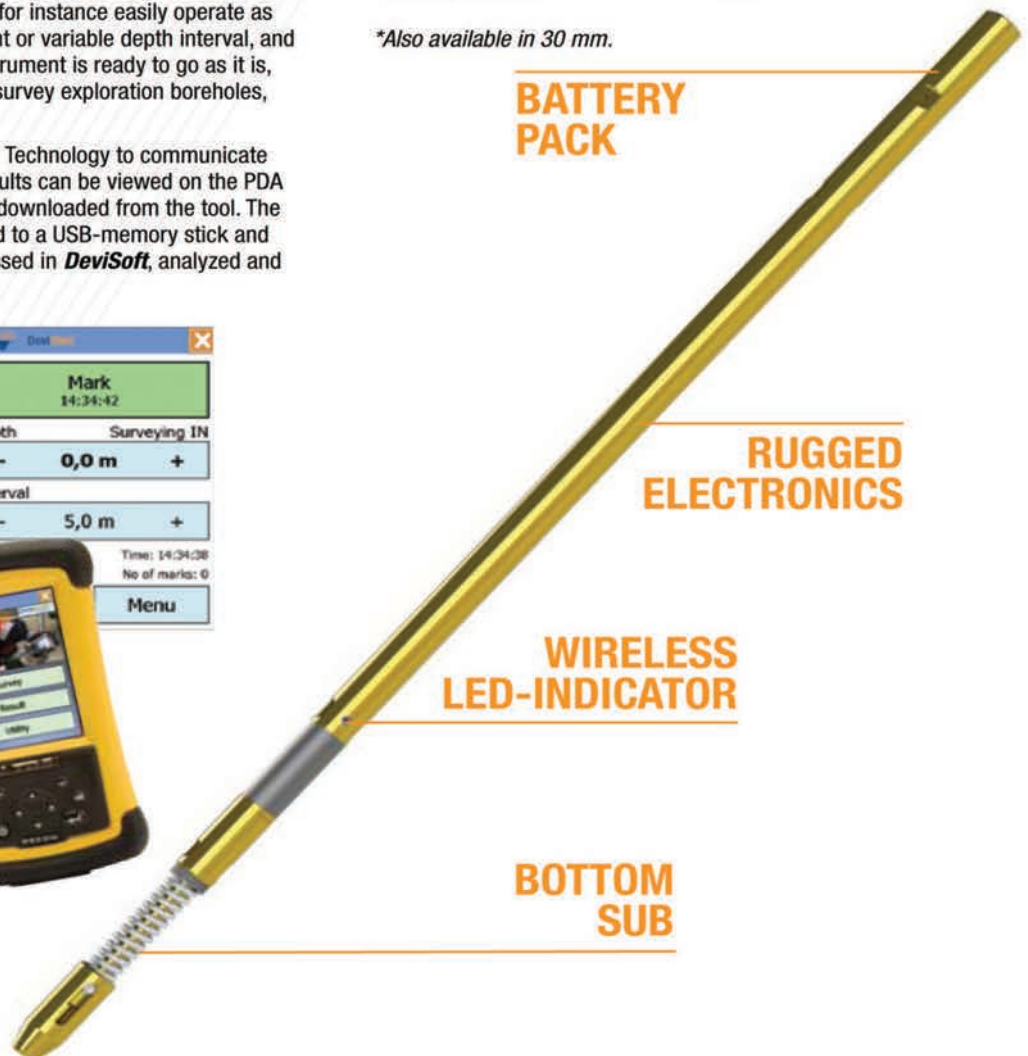
**RUGGED
ELECTRONICS**

**WIRELESS
LED-INDICATOR**

**BOTTOM
SUB**



Depth	Az	Incl	Heading
0,0	25,93	-0,20	0,00
5,0	25,86	-0,21	4,46
10,0	25,94	-0,27	9,92
15,0	25,86	-0,21	13,38
20,0	25,95	-0,22	17,84
25,0	25,48	-0,20	22,31
30,0	25,90	-0,20	26,76
35,0	25,96	-0,18	31,24
40,0	25,92	-0,17	35,70





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Non-magnetic survey tools

DeviFlex

Non-magnetic multishot

If you know how to run your inner tube, you know how to run your *DeviFlex*.
It is that easy.

DeviFlex is a non-magnetic electronic multishot for surveying inside casings and drill strings by simply using the wireline system. Magnetic disturbances will not influence the tool at all, and its design makes it very easy to use. Just pump the tool into the hole and pull it out in given intervals. No adjustments are necessary.

The *DeviFlex* tool consists of two independent measuring systems. Three accelerometers and four strain gauges are used to calculate inclination and change in azimuth. In addition, the *DeviFlex* records and stores gravity vector, temperature, and battery capacity.

The *DeviFlex* fits casings and drill strings from B-size and up to H-size. You need one instrument and a set of sleeves with various wheel sizes to adjust for different hole dimensions. The tool has proven to work in horizontal as well as vertical holes.

The *DeviFlex* communicates with a PDA through a USBmodem. The results can be viewed on the PDA screen in the field once the data is downloaded from the tool. The data can thereafter be further processed in *DeviSoft*, analyzed, plotted and reported to the client or given directly to the client on a memory stick.

TECHNICAL SPECIFICATIONS

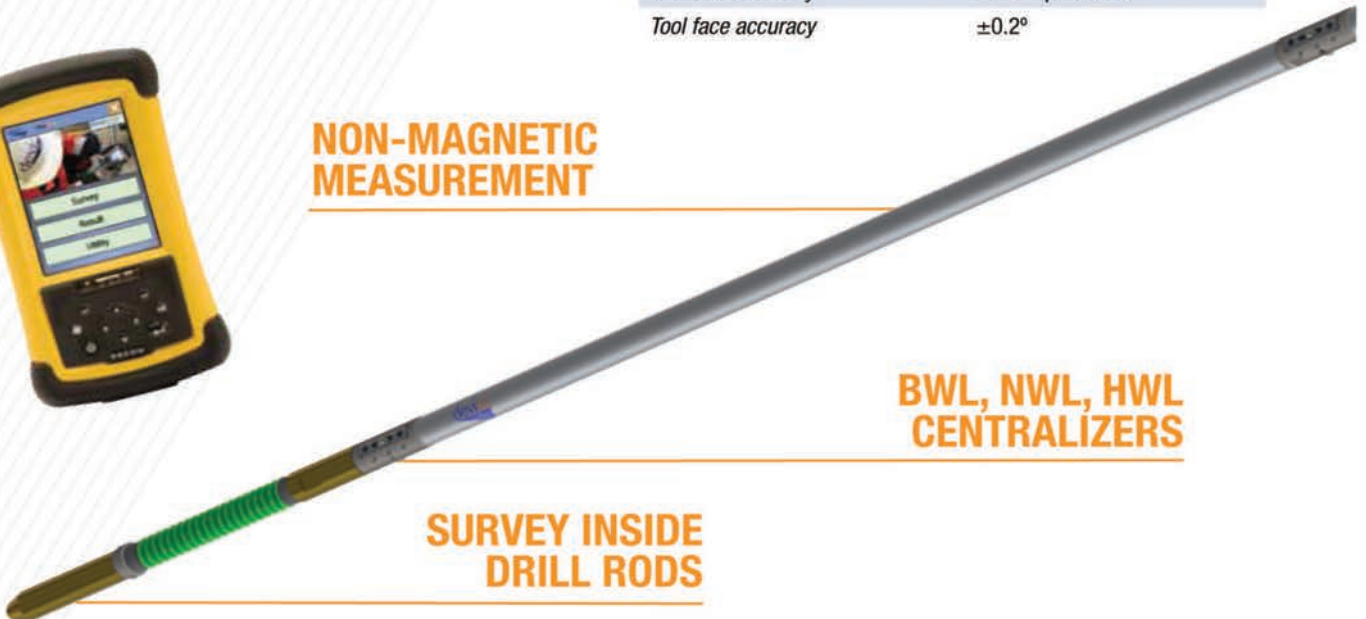
Weight	20 kg/44 lbs
Diameter	40 mm/1.58"
Length	4000 mm/13.1 ft
Magnetic	No
Running gear	Integrated
Inclination accuracy	±0.1°
Direction accuracy	±0.01° pr station
Tool face accuracy	±0.2°



**NON-MAGNETIC
MEASUREMENT**

**BWL, NWL, HWL
CENTRALIZERS**

**SURVEY INSIDE
DRILL RODS**





**SPEAR HEAD
ADAPTER**



**RUNNING
LIKE AN
INNER TUBE**

**UP TO 400 HOURS
BATTERY CAPACITY**



Vertical orientation



Collar Azimuth Laser, makes it easier to measure borehole start azimuth and inclination accurately.



Core orientation

DeviCore BBT

Efficiency and reliability all in one

The **DeviCore BBT** is the latest core orientation innovation from Devico. The **DeviCore BBT** represents an integration of the patent pending Brilliant Blue™ technology and other proprietary Devico technologies. The **DeviCore BBT** employs the same Devidip system probe technology which has proven to be an industry leader in reliability for more than 10 years as a part of the Devidrill, combining electronic core orientation integration with brand new ergonomic running gear. It 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 and a core barrel extension and is ready to be assembled on the drilling equipment on site. The probes also have a valve system in front securing that pump-in time is not affected.

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 and 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.



The rock core is orientated at the surface when the two arrows are aligned.

TECHNICAL SPECIFICATIONS

Weight [kg/lbs]	5.7/12.6
Diameter [mm/in]	*
Length [mm/in]	500/19.7
Magnetic	No
Running gear	Integrated
Inclination accuracy	±0.1°
Orientation accuracy	±0.5°

*Available in BWL, BWLTK, NWL, NWLTK, HWL and PWL.

DIP MEASUREMENT

MEASURE WHILE DRILLING

QUICK MEASUREMENT



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