

First ever fully integrated core orientation tool.



ORICORE™ STD

The ORICORE™ STD core orientation tool revolutionize core orientation operations as we know it today. With identical shape and size as conventional core heads, you can now measure orientation without time consuming rod handling. What do you gain? Save time, money and improve safety.

ORICORE™ STD uses 3-axis high-accuracy accelerometers to measure orientation, inclination, gravity vector as well additional sensors for temperature and battery status.

ORICORE™ STD Features.

- Integrated design without need for adaptors or extensions.
- Identical in shape, lenght and weight to a conventional core barrel head assembly.
- Easy to install and remove within minutes.
- Highly accurate orientation readings in the area $\pm 88^\circ$ incl. as well as incl. readings $\pm 90^\circ$.
- Fast and easy wireless communication through BLE.
- Long life and easily replaced standard batteries.
- Fits most standard core barrels in the marked.

ORICORE™ STD vs Competing systems.

- Save time and money. Installation and removal without rod handling, reducing crew and rig cost up to 98%.
- Fast and easy to use. Fits without special adaptors, extensions or adjustments.
- Reduced driller hazards. No innertube weight/length added and rod handling needed.
- Faster decent. No flow restrictions added.
- Enviroment friendly. No rig emissions or rod- and rig wear due to installation/uninstallation.
- Easy data sharing. Direct data sharing from site to e-mail through a tailored App.



SPECIFICATIONS:

Weight (kg/lbs)	3.9/8.6
Diameter (mm/in)	55,5/2,185"
Length (mm/in)	360/14,2
Memory (readings)	540 000
Operational temperature (°C)	-10/+60
Pressure (bar/psi)	300 / 4350
Running gear	Integrated
Inclination accuracy	$\pm 0.1^\circ$
Orientation accuracy $\pm 85^\circ$	$\pm 0.2^\circ$
Orientation accuracy $\pm 88^\circ$	$\pm 0.5^\circ$
Temperature	Logged
Inclination range	$-90^\circ/+90^\circ$
Orientation range	$0^\circ/\pm 88^\circ$
Battery data	2x AA3.6V Lithium
Battery capacity*	450 hours
Data communication	Wireless (BLE)