

Overshot Xpress (OX) & OX MINI

**Compact overshooting  
surveying solution**

## Description

The DeviGyro Overshot Xpress (OX) is a robust overshot survey solution for the diamond core drilling application. In combination with the DeviCounter, the OX enables continuous gyro surveying up to 100m/min whilst retrieving core tube, incorporating directional measurement into the drilling process to deliver maximum productivity at the drill rig.

The ultra-compact (just 1.2m) and wireless design is configured for safety, improving operator handling and reducing instrument contact time.

The Overshot Xpress (N, H, P-size) and OX Mini (B, N-size) feature interchangeable centralisers for compatibility across all diamond drill rigs in surface and underground environments. Pre-assembled in case and safe to be handled by one operator, the OX offers ultimate transportability where space is at a premium.

Utilising proprietary navigational algorithms and recording 10 data points per second, the DeviGyro miniature rate gyro provides geologists with accurate, transparent, and repeatable data they can trust. Automatic Depth Estimation (ADE) offers even greater versatility at the rig with the option to continuously survey without a depth counter.

## Integration

From the drill rig to the office, DeviGyro data integrates with IMDEXHUB-IQ™ to securely optimise data transition and management whilst minimising manual entry error.

Devico's DeviAligner provides the DeviGyro with the most accurate starting direction and enables directional surveying at any angle.

## Applications

- Surface & underground diamond core drilling
- Wireline or pump-in

## Advantages

- Incorporate surveying into the diamond drilling process
- Up to 100 m/min continuous survey speed and quick setup time
- Precise repeatability at all angles
- Intuitive operating software
- True wireless - connects when fully assembled
- Scandinavian made - robust and reliable
- Immediate, comprehensive QA check
- Commercially available battery
- Not affected by magnetics
- V-wall compatible

*"The OX technology is fantastic! Comprehensive surveying without interrupting the drilling process, driving overall production up and the cost per meter down for our clients."*

**Geoff Muir**

Managing Director at Australian Underground Drilling



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# DeviGyro OX



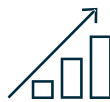
Running gear 1230 mm/48.4 in  
DeviGyro sensor 140 mm / 5.5 in



Overshot Xpress 10.5 kg/23.1 lbs  
OX MINI 7.4 kg/16.3 lbs  
DeviGyro sensor 0.2 kg/0.4 lbs



Azimuth accuracy:  
 $\pm 0.1^\circ/100m$



Typical positional accuracy:  
0.2%



Inclination accuracy:  
 $\pm 0.1^\circ*$



Toolface accuracy:  
 $\pm 0.2^\circ*$

\*Calibrated for temperature range  $-10^\circ C$  to  $+60^\circ C$

## Specifications

Pressure (bar/psi)	300bar/4350psi
Temperature range	$-20^\circ$ to $+60^\circ C$ / $-4^\circ$ to $140^\circ F$
Compatible sizes	Overshot Xpress: NWL, HWL & PWL OX MINI: BWL, NWL
Azimuth accuracy	$\pm 0.1^\circ/100m$
Typical positional accuracy	0.2%
Inclination accuracy	$\pm 0.1^\circ*$
Tool face accuracy	$\pm 0.2^\circ*$
Azimuth range	$0^\circ-360^\circ$
Inclination range	$-90^\circ- +90^\circ$
Temperature	Recorded
Survey mode	Continuous or multishot
Survey speed	Up to 100m/min
Affected by magnetics	No
Memory	6h 40min
Data communication	Wireless

## Battery

Battery type	1x CR 123a
Battery capacity, continuous use	24 hours

## Handheld Device

Type	Android Smartphone
Software	DeviGyro App
Battery capacity, continuous use	15 hours
Battery type	Lithium
IP rating	IP68

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