

GNSS-Level 023902 / 023903



A height reference system with base/rover function.

The base unit is placed on a known height and the rover in the top of the feeder on the drill rig.

The Rover calculates its height compared to the base

Correction data are sent from the base to the rover via radio modems.

Base has 2 hot swappable batteries and 12VDC power inlet.

Can be placed on a tripod or on a fixed location like building with a continuous 12VDC power source.

023902 with tripod. 023903 without

Technical data:

Base: 022911

Supply voltage	12VDC battery or 230VDC adapter
Power supply	100mA
Radio modem range	>100m
Survey-in time	5 min
Working time on two batteries	Approx. 5 work days
Mechanical data:	
Housing	Aluminum anodized
Mounting	5/8 UNC, standard survey eq.
Connections:	
External power/USB	Standard M12 A-code plug, 8 pin Male
Radio antenna	BNC
Operating temp.	-30 - +70°C
Storage temp.	-40 - +85°C
Protection	IP67

Technical data:

Rover: 022951

Supply voltage	10 – 30 VDC
Power supply	<100mA
Bus Connection	CAN-Open
Height accuracy	< 3cm
Mechanical data:	
Housing	Aluminum anodized
Mounting	5/8 UNC, standard survey eq.
Connections	
CAN-bus	Standard M12 A-code plug, 5 pin Female Internal termination
Radio antenna	BNC
Operating temp.	-30 - +70°C
Storage temp.	-40 - +85°C
Protection	IP67