



TRANSTRONIC INKLINATOR[®] GPS LEVEL SYSTEM



Versatile Precision Drilling Instruments For Bench Drilling Applications



The GPS level system uses GPS RTK technique to measure the height of the collaring point, with high accuracy.

A complete system includes a base station and a rover (rig unit). The base station is placed at a known height. It sends correction data and reference height by radio modem to the rover, mounted on the drill rig.

One base station can supply all rovers within 2 Km distance with correction data.

The CMI Bench system calculates the height of the bottom of the feeder related to the base station antenna. The length measurement is related to the base station antenna.

A system for height measurement of the bucket on a wheel loader is also available.

Specification base station:

Power supply:	Built in battery
Operating time on battery:	24 hours
Built in battery charger:	100-240V, 50-60Hz
Enclosure:	IP 65, splash-proof
Working temperature:	-30 - +50 degrees C

Specification rover:

Data interface:	CAN bus, CANOpen protocol
Accuracy:	< 0.05 m
Power supply:	24 VDC, 0.2 A
Enclosure:	IP65, splash-proof
Working temperature:	-30 - +50 degrees C

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GPS level system benefits

- improved drilling quality
- heavy duty design for reliable operation
- modular design
- is easy to mount.
- is easy to service.