

nivcomp®

Made by Dirotec - Germany

The One-operator Electronic Levelling Instrument

Nivcomp Standard



The nivcomp is a modern and maintenance-free application of the traditional hose leveling instrument, where the inspection glass is replaced by a sensor module with direct altitude indication in millimeters (or inches). Problem free measuring for unevenness of surfaces and gradients as well as across obstacles where the line of sight is blocked.

Nivcomp msd



Features

- No line of sight required
- LC display on handset.
- Owner calibration mode.
- Auto switch-off after 30 minutes.

Structure and Function

The handheld device contains the sensing technology for the acquisition of the altitude difference to the reservoir in the hose reel. The hose reel, with pressing screw and indicator module, contains the liquid reservoir which forms the point of reference during leveling. In order to transmit a level to another point, simply line up the handheld device against this level and save it as zero-reference per keystroke. Every following change in altitude of the handheld device is indicated in millimeters (or inches) as well as with the direction (arrows or +/-). This applies to every point within the radius of 24 metres to the hose reel. The patented recording of the liquid's temperature makes optimal results possible, even in case of applications outdoors (complying with the respective directions). The solid and double-walled PP-case, with space for optional accessories, guarantees easy hose pull-out and rewinding.

Specifications

Reproducibility (inside, typical)	+/-2mm at a maximum measuring point distance of 48m
Vertical outreach	+/-2.5m (+/-4.0m)
Altitude indication	mm/inch
Resolution	1mm (sign character 0.3mm)
Temperature range of application	0...+35°C
Battery handheld device	1x AA (alkaline) 1.5V
Energy requirement/operating time	~ 10mW / > 250h
Dimensions	450 x 420 150 mm
Weight	App. 6kg
Certificates	CE, FCC, conforming with RoHS
Low-emission	In accordance with the EMC-product-standards



Applications:

- Floor screed work
- Floor work
- Applications without intervisibility
- Floor work
- Check of uneven surface
- Paving works
- Terracing
- Dry lining
- Electrical installation
- Carpentry



Easy to set

Simply align with the source to set your reference point

Versatile

Your reference point can be set from the top or the base of the handset and from the feet, when held horizontally.

Transfer

The up and down arrows guide you to the 0-point to match your reference point.

Offset

The up and down arrows will also guide you to offset your reference point by a precise distance. Very handy!



No line of sight required

Once your reference point is set you can quickly and easily move from room to room, transferring and marking your measurements as you go.



H-Disc

Optional H-Disc

The optional H-Disc (supplied with the deluxe kit) can be used as a stable and free standing base for your nivcomp and/or on wet surfaces, such as screeding work. (only when



H-Set



Optional H-Set

The optional H-Set (supplied with the deluxe kit) has 5x350mm interconnecting extension rods, which can be used to extend the reach of your nivcomp to allow you to take measurements from different heights and /or depths. There is also a screw-on magnetic tip, which can be connected to the rods - top or bottom - to attach the nivcomp to any suitable horizontal surface for free-hand use.

