LEADER IN INDUSTRIAL TOOLS & EQUIPMENT

# Technical sheet



**Nivel System N32x, Auto Level N32x; 1,5mm/1km (degree)**

Marque: NIVEL SYSTEM - EU

Ref Product: wire:N32x

Ref Mcmining: NIVELN32XD

| DESCRIPTION | |
|---|---|
| Nivel System N32x, Auto Level N32x; 1,5mm/1km (degree) | |
| Optical level Nivel System N32x is an instrument for very precise measurements of elevation. Level is equiped with high quality optics which guarantee high-qu<br>The instrument is resistant to dust and water which allows it to work in harsh conditions – in rain or in very dusty environment. Level is intended for surveyors, | |
| **N32x** | |
| Optical system of the highest quality, 32x magnification | |
| High measurement precision, 1.5mm / 1km | |
| Effective vibration compensation, magnetic compensator | |
| Safe use for years, reliable metal construction â€“ IPX6, 5 years warranty | |
| Nivel System N32x | |
| Precise optical leveling instrument for demanding users | |
| **HIGH ACCURACY** | |
| Thanks to the high quality of the optical system ( lunette with a magnification of 32x) level ensures accuracy of 1,5 mm per 1 km in double run. Level can be us | |
| **HEAVY DUTY TO WORKING CONDITIONS , RESISTANT TO VIBRATION AND SHOCK** | |
| Built-in magnetic compensator automatically level the instrument. Thanks to it working in places with unstable and oscillating surface ( for example on a constru | |
| **THE MINIMUM DISTANCE FROM LEVELING STAFF** | |
| The equipment is designed to work with minimal target lenght about 0,3 m , which allows leveling the area close to the station without any need to change it. | |
| **COMFORT HANDLING** | |
| Infinite tangent screw allows you to precisely aim the level on the staff , and the spherical vial with a mirror allows you to easily and quickly level the instrument | |
| **STABLE AND RELIABLE** | |
| Metal casing and high quality components of the level ensure trouble-free operation even in harsh field conditions. After-sales TPI service provides reliable ope | |
| **PROVEN AND RELIABLE EQUIPMENT** | |
| Measurement equipment used on building site is subjected to the highest endurance tests. Working in dusty environments and in difficult terrain, surrounded b<br>years sets the quality of their products in the first place. Confirmation of this assertion can be proved by the fact that the Nivel system Nx series levels are equi | |
| **Applications:** | |
| - classic leveling – determining the height difference in the field<br>- earthworks – ground leveling and excavations<br>- road construction<br>- paving works – construction of parking places, driveways as well as terraces<br>- water and sewerage works – controlling the depth of the trench and the pipelines laid dawn<br>- gardens and agriculture | |
| **EQUIPMENT** | |
| - optical level – 1 pc<br>- lunette cover – 1 pc<br>- adjustable needle – 1 pc<br>- plumb bob – 1 pc<br>- carrying case – 1 pc<br>- manual – 1 pc | |
| **SPECIFICATION** | |
| Accuracy | 1,5mm/1km |

| | |
|---|---|
| Telescope length | 215 mm |
| Image | simple |
| Magnification | 32x |
| Objective diameter | 42 mm |
| Field of view | 1°20? (2,3 m) |
| Resolving power | 3,5? |
| Minimum focus | 0,3 m |
| Working temperature range | -20°C to +50°C |
| Water resistance | IP66 |
| Dimensions | 130 x 215 x 140 mm |
| Weight | 1,75 kg |