

OPTICAL LEVEL  
NIVEL SYSTEM  
**N32x, N26x, N24x**

Precise optical leveling instrument  
for demanding users

**N32x, N26x, N24x**

- heavy duty to working conditions
- high accuracy
- the minimum distance from leveling staff
- comfort handling
- stable and reliable



# Optical level **Nivel System series N**

## **Nivel System N32x, N26x, N24x - precise optical leveling instrument for demanding users**

Optical level Nivel System N32x is an instrument for very precise measurements of elevation. Level is equipped with high quality optics which guarantee high-quality vision (clear image). Magnetic compensator allows performing measurements on unstable areas, where the tripod with level may be exposed to continuous vibration. 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, road builders, construction workers, archaeologists - for all professionals who require high-precision measuring instrument and reliability.

### **HIGH ACCURACY**

Thanks to the high quality of the optical system (lunette with a magnification of 30x) level ensures accuracy of 1,5 mm per 1 km in double run. Level can be used both for construction tasks and the exacting geodetic measurements. The image in the lunette is clear and legible.

### **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 construction site near the working heavy machinery) can be done. The equipment has a high standard water-and dust-proof (IPX6).

### **THE MINIMUM DISTANCE FROM LEVELING STAFF**

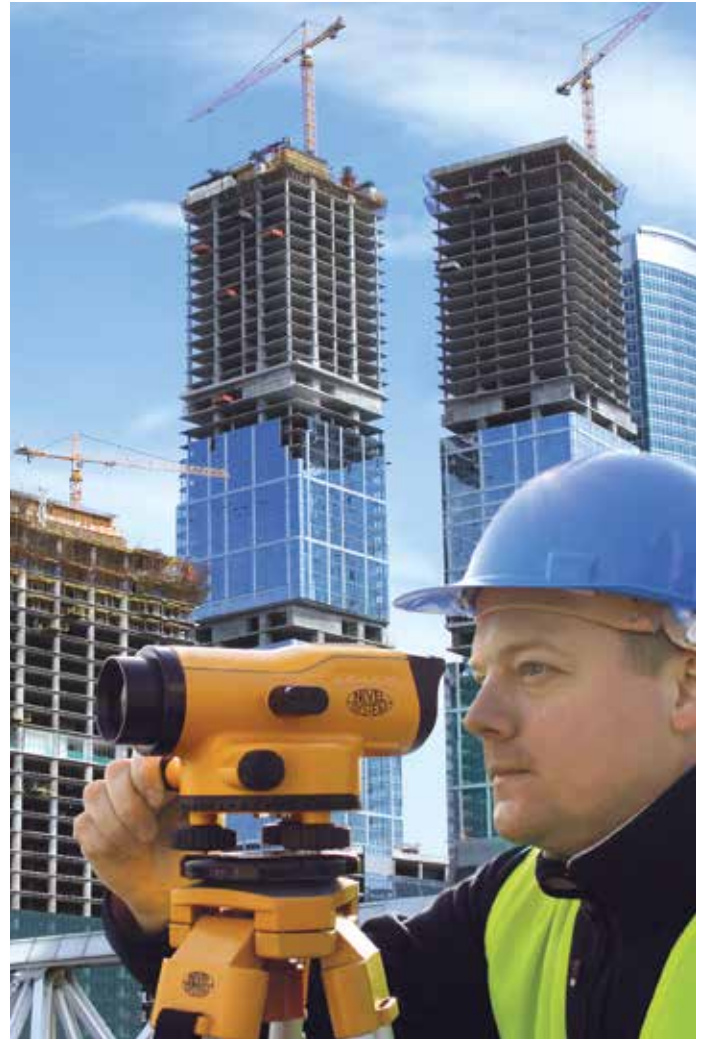
The equipment is designed to work with minimal target length about 0.3 m, which allows leveling the area close to the station without need to change it.

### **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 operation of the instrument for many years.



## **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 by heavy machinery should ensure stable operation and correct measurements. Therefore, the TPI company, providing measuring equipment to the market more than 20 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 equipped with the highest quality components, before the sale each level is passing extensive tests certified by a instrument certificate. Nivel System Nx series are guaranteed one of the longest on the market, 5-year warranty.





## FEATURES

### Smooth operation for years

5-year warranty authorized service  
(warranty service and post in Poland)



**Highest quality optical system**  
bright, clear picture, high magnification  
(24x - 30x)



**High precision measurements**  
1,5 – 2,0 mm / 1 km  
double leveling



### Work safety

equipment prepared for sale by an  
authorized service (furnished with  
a certificate certifying the correct-  
ness of instrument operation of the  
instrument)



**Built-in horizontal circle**  
longer life when  
placing angle



### Dependable, reliable measurements in the field

high quality magnetic compensator  
suppresses even the smallest vibration  
area, ensuring correct measurements in  
difficult conditions at the construction site



### Durable heavy-duty

metal, solid construction, high  
grade waterproofing (IPX6)



# Optical level **Nivel System series N**

## Nivel System - precise, reliable equipment

The company offers a full range of TPI visual leveling. High-quality optics with telescopes magnification of 24x to 32x provide sharp and clear image patches, and thus facilitate precise targeting and accurate readings. Magnetically damped compensators are responsible for the automatic leveling of the line of sight of the instrument and thus to protect users against misreading resulting from inaccurate, manual leveling. All levellers Nivel system characterized by high resistance to weather conditions, so they can be used in virtually any environment.

TPI before selling tchecks every new copy of the leveler and, if necessary rectifies it. The customer receives a certificate of the instrument evidencing the correctness of operation.

### USES

- the construction of roads and highways
- construction sites, parking lots, halls, sports fields, golf courses
- earthworks, excavation, buttresses, pipelines, water supply and
- sewerage works
- bricklaying, foundations, pouring concrete
- paving work
- any measurement works - leveling the land

### SET INCLUDES:

- optical level 1 pc
- lunette cover 1 pc
- adjustable needle 1 pc
- plumb bob 1 pc
- carrying case 1 pc
- manual 1 pc



## Specification

| Models - N32x, N26x, N24x       |         |        |      |
|---------------------------------|---------|--------|------|
| Model                           | N32x    | N26x   | N24x |
| LUNETTE                         |         |        |      |
| Lunette length                  | 215 mm  |        |      |
| Zoom                            | 32x     | 26x    | 24x  |
| Lens diameter                   | 42      | 36     |      |
| The minimum focal length        | 0,3 m   |        |      |
| THE ACCURACY OF 1 KM DOUBLE RUN |         |        |      |
| Accuracy                        | 1,5 mm  | 2,0 mm |      |
| OTHER                           |         |        |      |
| Waterproof                      | IP66    |        |      |
| Dimensions                      | Width   | 130 mm |      |
|                                 | Length  | 215 mm |      |
|                                 | Height  | 140 mm |      |
| Weight of instrument            | 1,75 kg |        |      |
| Warranty                        | 5 year  |        |      |



### Notice

All rights reserved 06/2016.  
Specification may be changed without notice.



[www.nivelsystem.com](http://www.nivelsystem.com)

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