

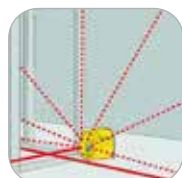


## Product features



### EASY AND QUICK MEASUREMENTS

- leveling self, when you turn on the equipment ready for use
- single measurements, leveling classic patch
- beam visible: red (NL301), green (NL301G)
- scan function
- dexcellent ratio price / quality



### UNIVERSAL APPLICATION

- leveling - working with the vertical and horizontal plane
- laser plummet up/down
- determining declines in one or two directions
- work inside and outside (from the laser sensor)
- moving points, to fit into the structure



### ACCURATE AND RELIABLE EQUIPMENT

- electronic compensator for accurate measurements, even over long distances
- rubber side covers to protect equipment against damage
- resistant to harsh working conditions - IP64



### COMFORT HANDLING

- intuitive
- remote control functions with the remote control
- easy setting of the laser plummet at work perpendicular
- rechargeable batteries
- compact design for easy transport

### Includes

|                                |       |
|--------------------------------|-------|
| laser leveler                  | 1 pc  |
| laser sensor with staff holder | 1 pc  |
| remote control                 | 1 pc  |
| batteries                      | 1 set |
| carrying case                  | 1 pc  |
| manual                         | 1 pc  |

### APPLICATIONS:

- **land leveling** - leveling
- **bricklaying** - internal and external (substructures, walls, stairs, concrete, formwork)
- **paving works** - making car parks, driveways, patios
- **assembly and finishing works** - installation of wooden, aluminum structures, suspended ceilings
- **installation works** - setting the line cables, moving points
- **woodworks** - furniture, building

## Specification

|                             |  |
|-----------------------------|--|
| Light Source                | red laser (635nm), visible beam, green laser (532nm), visible beam |
| Accuracy                    | ± 1,0 mm/10 m (horizontal, vertical)                               |
| Range of operation          | 500 m (with a laser sensor)  |
| Self-leveling range         | ±5°  |
| The inclination of planes   | ± 5% (X-axis, Y-axis) manually                                     |
| Head Rotation speed         | 0-60-120-300-600 rev/min   |
| Scanning                    | 0-10°-45°-90°-180°   |
| Resistance class            | IP64   |
| Operating temperature range | -20° ~ +50°C   |
| The laser plummet           | up/down, ± 1 mm/1,5 m  |
| Power                       | DC 4.8 - 6V, rechargeable batteries (Ni-MH)                        |
| Working time                | approximately 20 hours   |
| Dimensions                  | 160 x 160 x 200 mm   |
| Weight                      | 3,2 kg   |



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Specification may be changed without notice.

Nivel System distributor

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MULTIPURPOSE  
LASER LEVEL  
NIVEL SYSTEM NL301/NL301G



- easy and quick measurements
- universal application
- accurate and reliable equipment
- comfort handling





## Multipurpose laser level Nivel System NL301 i NL301G

Rotating Laser Nivel NL301 / NL301G system is a versatile and multi-purpose tool for carrying out the work inside the rooms (with a visible, green laser beam - 4 times better visible than red beam) and in open spaces (using the sensor). The instrument determines the horizontal, inclined, vertical (after rotating it 90°) plane, thanks to plummet NL301 / NL301G defines vertical or 90° angles. NL301 / NL301G is intended for general construction. Its strong side is durability, resistance to weather conditions and efficient batteries, providing several hours of continuous operation in the field. The equipment is user-friendly with an intuitive interface and the possibility of remote operation via remote control.

### EASY AND QUICK MEASUREMENTS

Level has a auto-leveling feature, after turning on the equipment will level up by itself and immediately be ready for operation. The generated green laser beam is extremely visible even in sunny or outdoor spaces, displayed on the wall forms a reference for the work of horizontal or vertical. with the sensor and the laser staff we obtain a accurate leveling set, measurements are made one-man. The scanning feature allows you to narrow the displayed beam in the specified range, by this feature we get a reference laser line only where we carry out the work.

### UNIVERSAL APPLICATION

The equipment allows you to work with a horizontal and vertical beam. The plane can be tilted in one or two directions, so that the laser can be used for such work as pouring the floor or leveling and preparing the surface of the pavers, playground, or the road - providing drainage in accordance with the designed declines. A laser plummet becomes useful in constructing works, it is in the axis of rotation plane of generated laser beam. This functionality provides accurate laser fitting perpendicular works, or in transferring points (laser plummet displayed to the bottom and up at the same time). For work on the outside and at the higher ranges, the laser sensor provides the ability to receive a signal in the range of 500 m (the diameter). Different rotation speed of laser head provides the installation work on the inside of the building and the machine control that require higher speeds (600 rpm / min).

### ACCURATE AND RELIABLE EQUIPMENT

Leveler is built on the basis of electronic compensator, eliminates vibration and ensures precise leveling plane laser. Electronic compensator, compared with magnetic is much more accurate, particularly in the case where the terrain construction measurements may vibrate due to the work of heavy equipment. Therefore, by NL301 / NL301G get accurate and reliable measurements. The equipment is resistant to dust and water IP64 certified class. In addition, rotary head is covered with a glass body and the casing of the laser has a rubber cover to protect against damage due to impact.

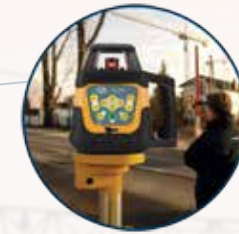
### COMFORT HANDLING

NL301 / NL301G has an intuitive control panel. Management functions, including the inscribing of slopes is done manually. Laser functions can be controlled either from the deck of the instrument as well as via remote control. The laser can be powered by batteries, rechargeable batteries or directly from the network. The entire set are complement by compact housing, making the laser handy, easy to install on site and transport.

**Work in all conditions**  
protection class IP64, rugged design of the housing (rubber coated housing corners)



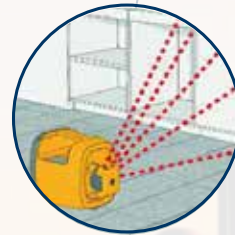
**Accurate measurement equipment with long-range work**  
accuracy of  $\pm 1$  mm / 10 m, range: 500 m



**Universal application**  
horizontal and vertical work, the work of the visible beam (inside the building) and outside of the sensor



**Scan function (0-180°)**  
the ability to narrow down the function display on the specified range, eliminating overlapping construction lasers



**Green laser (NL301G)**  
better still visible laser beam (in bright, direct sunlight)



**Tilting planes in the X and Y**  
work with manual falls in the range of  $\pm 5^\circ$



**Easy and fast work**  
auto-leveling (within  $\pm 5^\circ$ ), laser plummet to support the work of fitting the laser with orthogonal

