



Long range rotating laser levels with autoalignment

# NL720R / NL720G

## Efficient levelling

automatic search of direction / alignment into slope, numerical elevation values considerably facilitate levelling (DIGITAL)

## Precise measurements over long distances

millimeter accuracy, range 700 m

## Versatile use

vertical and horizontal work, also with a slope in 2 axes, cooperation with control systems machines

## Intuitive operation

clear MENU, large display, remote radio controls

## Efficient power supply

universal battery Nivel  
Li-ion 5000mAh

## Proven, durable equipment

robust metal-reinforced casing,  
metal head shield



Measurement solutions  
for construction

**NIVEL**  
SYSTEM

## Rotating laser levels

Precise, reliable measurements

Rotating laser levels **NL720G** and **NL720R** are versatile and multifunctional tools for applications in open spaces and indoors. These instruments are built on the basis of the proven and efficient NIVEL laser technology, which ensures high precision of measurements. They mark the horizontal plane (also inclined in 2 axes) and the vertical plane, and the laser plummet used determines the vertical or right angles. They have been equipped with the automatic matching of the laser beam. Thanks to this function, it is easier to set slopes (horizontal works) and find the direction (vertical works). Lasers work well on long sections of works (range 700 m), in difficult terrain conditions - they level quickly, are resistant to terrain vibrations.

	NL720R	NL720G
<b>Laser beam</b>	red 635 nm	green 515 nm
<b>Accuracy</b>	±0,72 mm / 10 m (horizontal, vertical)	
<b>Self-leveling range</b>	±5° (quick levelling - electronic sensor)	
<b>Inclination of planes</b>	±10% (manually)	
<b>Head rotation speed</b>	variable 100, 300, 600, 800 rpm	
<b>Scanning</b>	0-10°-45°-90°-180°	
<b>Range of operation</b>	700 m (with sensor)	
<b>Operating temperature range</b>	-10°C ~ +50°C	
<b>Power supply</b>	Li-ion 7.4V 5000mAh	
<b>Resistance class</b>	IP65	
<b>Dimensions</b>	274 x 173 x 232 mm	
<b>Weight</b>	2,83 kg	

### Equipment

Rotating laser level	Laser sensor (digital)
Sensor bracket	Rechargeable battery
Charger	Laser goggles
Laser target	User manual
Remote control	Carrying case

Your local distributor

### Quick and easy measurements

After turning on the LASER it will level itself and is ready to work immediately. The generated laser beam is visible, displayed on the wall forms a reference for horizontal or vertical works. While working with a sensor and a laser staff, we obtain an accurate leveling set, measurements are made one-man.

### Versatile application

The instrument allows work with both horizontal and vertical beams. The plane can be tilted in one or two directions, so the laser can be used for jobs such as pouring floors or levelling and preparing surfaces for paving, sports fields or roads - ensuring the water drainage according to the designed slopes.

### Indispensable on construction sites

The level is supplied with an electronic compensator to eliminate vibrations and ensure precise levelling of the laser plane. The equipment is resistant to dust and water (IP65). In addition, the laser head is guarded by a metal shield and the laser housing is fitted with rubber corners to cushion and protect it from damage.

### Comfortable operation

An intuitive control panel. The management of functions, including the entry of slope values, is done manually. The autoalignment function, via a sensor with radio communication, will position the reference beam to a preset level or direction.