

# Lightmaster NxT

## Technical Data

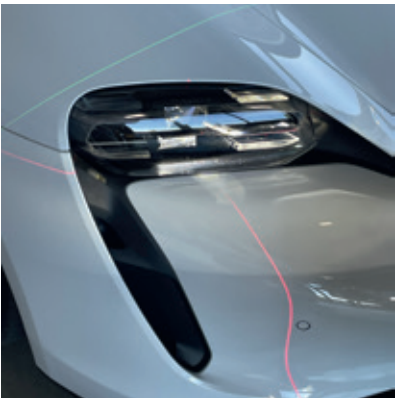
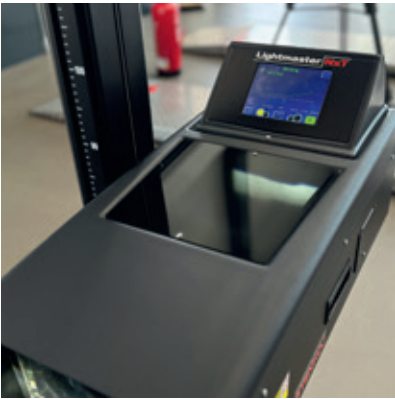
Measurement range above	0 – 600 mm / 10 m ( 0 ... 6,0 % )
Measurement range below	0 – 600 mm / 10 m ( 0 ... 6,0 % )
Measurement range left	0 – 1.000 mm / 10 m ( 0 ... 10 % )
Measurement range right	0 – 1.000 mm / 10 m ( 0 ... 10 % )
Light intensity	150.000 cd
Illumination intensity	0-240 lx (Lux / 25m)
Measurement distance	100 ... 500 mm
Height of optic centre from floor	240 to 1450 mm
Ambient temperature	5 °C – 45 °C
Relative max. humidity	80 %
Voltage of accumulator for wireless use	12 V
Voltage battery charger	100 – 240 V at 50/60 Hz
Weight	36 kg
Packaging size/weight	630 mm * 1800 mm * 660 mm / 40 kg

## Optional extras

Steel wheels with steel rails	3000 mm
Steel wheels with steel rails	1500 mm
Extension for steel rails	700 mm

## Test equipment reinvented!

**Our new generation Lightmaster NxT**  
Discover the innovative matt black aluminium column with counterweight balance. The high-quality column enables the user to effortlessly move the optical box in both directions. Our optical box, made of injection-molded material, impresses with its precise finishing and is equipped with a 230 mm Fresnel lens. This lens enables the detection of deviations up to 1 cm over 10 m. The optical box provides maximum connectivity through its RS232 and USB ports. The stable carriage has three height-adjustable wheels, ensuring perfect alignment. Experience precision and user-friendliness on the highest level.



Illustrations are not binding and optional. Under reserve of dimensional, constructional and technical modifications! Validity 01/2025



# Lightmaster NxT

Headlight tester for all types of lighting systems, for motorcycles, passenger cars and trucks

NxT Generation

NxT Generation - Test equipment



www.autopstenhoj.com

AUTOPSTENHOJ GmbH  
Sandkampstr. 90 | 48432 Rheine  
☎ +49 5971 8602-02  
✉ info@autopstenhoj.com



# Modern headlight tester

## Precision and reliability for a perfect view.

### NxT Generation headlight tester

Experience a new generation of headlight testing with our modern headlight tester! This digital, camera-based system sets the benchmark for vehicle diagnostics and ensures perfect setting and assessment of all common vehicle lighting systems.

### Precise check and assessment of all lighting systems

Our headlight tester has been developed to comprehensively check all vehicle lighting systems and to accurately assess them. Halogen, Xenon, LED, matrix LED, or laser light – our system assesses all common lighting systems of the vehicle manufacturers; each lighting system is assigned its own algorithm.

### Digital camera-based system – innovation meets efficiency

The digital, camera-based system measures and adjusts the vehicle lights with high precision. The modern camera technology detects even the smallest deviations. This not only guarantees that the road is optimally illuminated, but also ensures that all legal requirements are met.

### User-friendliness and saving of time

Thanks to the intuitive operation, our headlight tester is very user-friendly. Clear instructions and automated processes enable quick and easy handling, allowing you to save time and increase efficiency in your workshop.



### Highlights of the Lightmaster NxT:

- Certified according to TÜV standards via type approval test
- Green laser for the alignment in front of the vehicle
- Cross laser to precisely align the headlight
- Pitch angle compensation: Thanks to the automatic leveling, slopes and unevenness in both directions of the headlight tester's set-up area are leveled
- CMOS-camera for digital image processing in real time
- Fresnel lens with optimised refractive index for suppressing blue and red light
- Exact definition of the light/dark boundary
- Digital LCD colour monitor with touch screen
- Menu in 7 languages
- Intuitive, easy operation
- Including cover