

# PFT-PRO

Smart, fast, and accurate

Advanced Camera-Based Headlight Aligner



**PFT-PRO** is the ideal tool for checking next-generation headlights.

Its **precise mechanics** and **advanced analysis** algorithms make it **compliant with the strictest requirements** of major vehicle manufacturers.

**Suitable for all types of headlights**, it can automatically detect the cut-off line for correct adjustment.

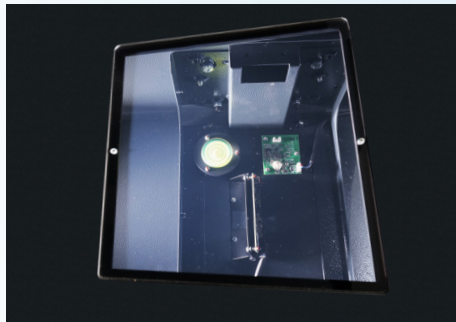


**TECNOMOTOR**®



made in italy 

PFT-PRO is a **next-generation headlight aligner** equipped with a CMOS camera **able to analyze and process headlights of cars, motorcycles, and trucks.**



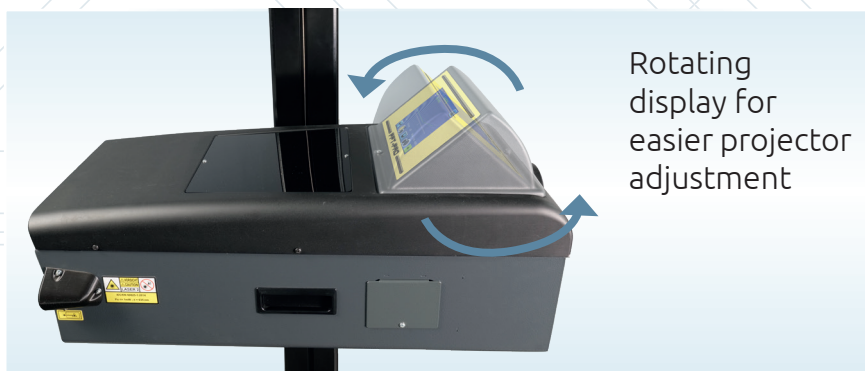
- High measurement accuracy thanks to the automatic **compensation system of the measurement area ( $\pm 0.7\%$ )** in both directions.

- Smooth camera movement due to **perfect weight balance.**

- **Green laser** ensures proper alignment with the vehicle, **combined with cross laser** for accurate projector center definition.

**Suitable for headlights  
HALOGEN – XENON – LED – LASER**

**Suitable for systems  
DLA – MATRIX – ILS**



Rotating display for easier projector adjustment



Green laser for vehicle alignment



Adjustable rolling base system



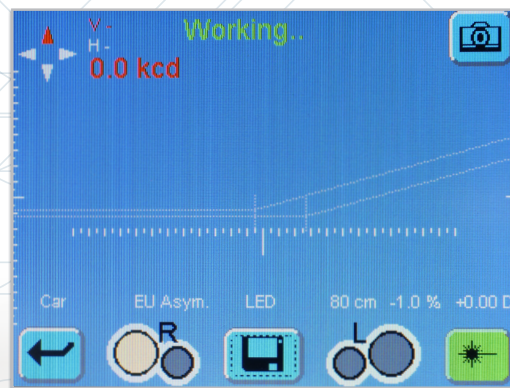
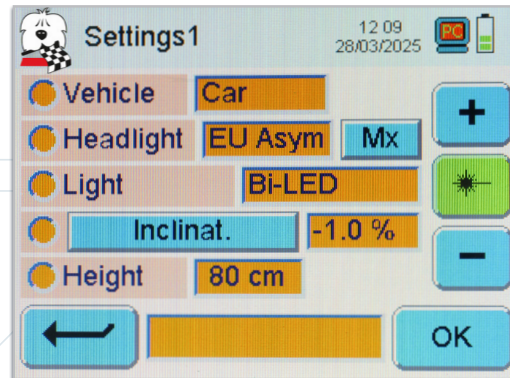
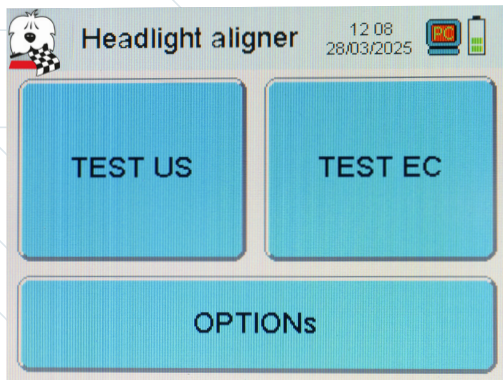
Cross laser for projector alignment



# SOFTWARE

## PFT-PRO

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Headlight Aligner





### Optional accessories

- 24-column printer
- Binary kit
- Calibration system

### Technical specifications

|                                      |                                                                      |
|--------------------------------------|----------------------------------------------------------------------|
| <b>Measurement height</b>            | 240 ÷ 1450 mm                                                        |
| <b>Vertical deviation</b>            | ± 6%                                                                 |
| <b>Horizontal deviation</b>          | ± 10%                                                                |
| <b>Measurement distance</b>          | 100 ÷ 500 mm                                                         |
| <b>Measurement intensity BRIGHT</b>  | 0 ÷ 150 Klux (lux/1m)<br>0 ÷ 240 lux (lux/25m)<br>Accuracy ± 3% f.s. |
| <b>Horizontal deviation accuracy</b> | ± 0,2%                                                               |
| <b>Vertical deviation accurac</b>    | ± 0,1%                                                               |

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