

HEADLIGHT TESTER



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DOUBLE CAMERA

SMARTLYNX



Instrument specific to inspection centers, used to measure high-beam headlights, low-beam headlights and fog lights;

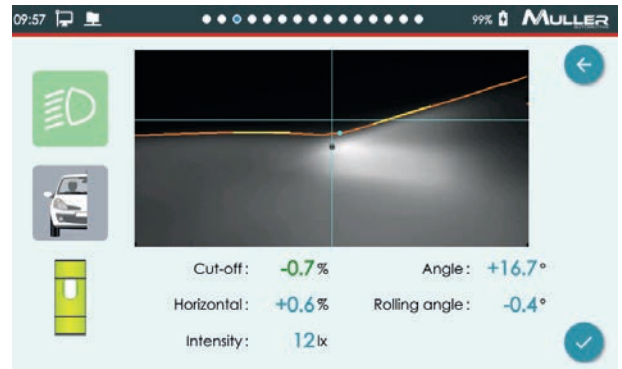
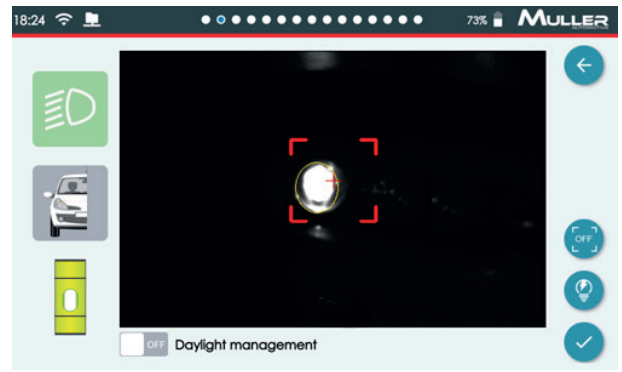
- CMOS camera analysis of the new generation of lights: Xenon, Halogen, LED
- 7" wide colour touch screen
- Compliant with international standards, communication via GIEGLAN and OTCLAN protocols, ASA Livestream compatible, transmission over Wi-Fi or Ethernet



09:56 99% MULLER

AJ-541-FM - VEHICLE COMPLIANT

Optic	ED		ED		ED	
Side	Left	Right	Left	Right	Left	Right
Cut-off / Vertical (%)	-1.7	-2.3	-1.0	-1.0	-1.9	-1.4
Horizontal (%)	+0.1	-0.2	-1.2	-0.5	-0.1	+0.3
Angle (°)	+16.8	+16.9				
Rolling angle (°)	-0.5	-0.9			+1.0	-2.5
Intensity (lx)	10	11	65	64	11	11
Difference intensity (%)	9		1		0	



EASY HANDLING :

- Column fitted with a counterweight to facilitate movement of the optical block to the desired height (compatible with light vehicles, heavy goods vehicles and motorcycles);
- Intuitive and ergonomic software interface and 7" touch screen for easy use when reading results;
- Camera-assisted positioning in front of the vehicle.

QUICK AND PRECISE :

- Powerful processor and operating system for real-time image processing
- Pixel accuracy image analysis, making the SMARTLYNX the most accomplished headlight adjuster on the market
- Built-in inclinometer

STRONG :

- Metal optical unit;
- Heat-moulded cover;
- IP43 water and dust rating;
- Connections shielded by sealed protective flaps with thermomoulded cover

AUTOMATIC AND AUTONOMOUS :

- Self-calibrating camera
- Autonomy: 12 h in operation



CHARACTERISTICS	SMARTLYNX
Weight	45 kg
Dimensions (L x W x H)	624 x 655 x 2037 mm
Batteries	7.4 V 13 A/h
Power supply	100/240 Vac - 1.2A - 50/60 Hz
Power unit output voltage	12 V - 3 A
Ambient temperature	de - 5 à + 40°C
Storage temperature	-15 to +55°C
Relative humidity	< 98% non condensed
Horizontal deflection measurement range	+10% to -10%
Vertical deflection measurement range	+3% to -6%
In official procedure France	+2% to -4%
Accuracy	+ / - 0.1%
Light intensity measuring range	0 to 125 kcd
Accuracy	+ / - 10%
Tilt correction (range)	from +1° to -1° (+1.75% to -1.75%)
Tilt correction (accuracy)	+ / - 0,1%
Pitch correction (range)	from +2° to -2° (+3.5% to -3.5%)
Pitch correction (accuracy)	+ / - 0,1%

HEADLIGHT TESTER

Range AM664-4

This headlight adjuster can measure and test all types of headlight. Along with essential features, it also possesses electronics enabling it to connect automatically to the BilanMatic.

- Results displayed on LCD screen
- Electronic tool, low and high-beam orientation display
- Photodiode light intensity measurement
- Laser-assisted aiming and centring
- Mirror and rail alignment (Optional kits)
- Left- and right-hand drive versions
- Battery operated
- Rail replacement kit not included

CHARACTERISTICS	AM664-4
Weight	30 kg
Dimension (L x l x h)	600 x 670 x 1740 mm
Power supply	12 V
Measurement range	0 cm / 10 m -> 40 cm / 10 m
high measurement accuracy	+/- 3%
Min. adjustment height	250 mm
Max. adjustment height	1400 mm
Luxmeter	0-240 lux / 25m (150kCd)



ROBOTIC HEADLIGHT TESTER

Range AM664-7

This automated headlight adjuster allows the hands-free manipulation of all headlight types. It guarantees correct centring and ensure optimum beam legibility. It allows the testing and adjustment of optics with complex surfaces :

- Fully automatic test process
- Electronic and mobile robotic tool on 4 wheels
- Automatic data transfer
- CCD camera-assisted centring
- Compatible with light vehicles, heavy goods vehicles and motorcycles



CHARACTERISTICS	AM664-7
Weight	100 kg
Dimension (L x l x h)	800 x 1700 x 800 mm
Power supply	220 V + / - 10 % 50 Hz
Ambiant temperature	de - 5 to + 40°C
Storage temperature	-15 to +55°C
Relative humidity	< 90 %
Horizontal deflection measurement range	+ 4 to -5.6 %
Vertical deflection measuring range	de +5.6 to -5.6 %
Accuracy	+ / - 32 mm / 10m (+ / -10)
Light intensity measuring range	0 to 120 kcd
Accuracy	+ / - 10%
Error	≤ + / - 10%
Min. adjustment height	350 mm
Max. adjustment height	1400 mm
Rail-mounted replacement kit	Included