



## REGLOSCOPES - stationary

**MOTEX 7535**

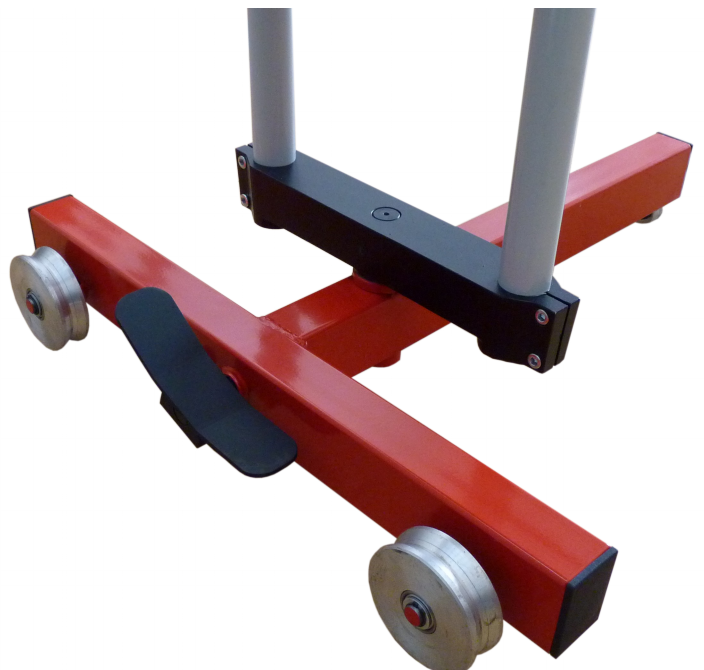
**MOTEX 7600**

with a laser module

The reglosopes are approved  
for headlight checks  
in the MOT test stations in the Czech Republic.

**SCHVÁLENÝ TYP  
pro STK v ČR**

OSVĚDČENÍ vydáno MD ČR  
pověřená zkušebna DEKRA Automobil a.s.



## Product characteristics :

### MOTEX 7535

The MOTEX 7535 regloscope is a device designed for checking and adjustment of headlights of all motor vehicles. With its design it replaces the previous MOTEX 7525 type – unlike this type it features direct projection of measuring the light - darkness interface of low-beam lights and instead of step adjustment of the ground glass it offers continuous adjustment with cm increments in the required range. Thus, the adjustment of the prescribed inclination of the low beam has been made more precise in  $\text{cm} \times 10 \text{ m}^{-1}$  in accordance with the specification of the manufacturer of the tested vehicle. With its design MOTEX 7535 guarantees stability of the adjusted values both in the longitudinal and transversal direction and at the same time it enables easy height adjustment.

### MOTEX 7600

The MOTEX 7600 regloscope is a device designed for checking and adjustment of headlights of all motor vehicles. It is derived from the previous MOTEX 7535 type and it expands the application range for headlights whose manufacturers require precise mutual setting of the optical axes of the regloscope and the headlight. To meet this requirement a laser module is integrated in the regloscope tube that can send a laser beam to a specified place on the headlight if necessary. The optical axes of both the devices can be set in one straight line as the laser beam passes through the optical axis of the regloscope and the indicated place on the headlight also indicates the optical centre of the headlight. The design of the MOTEX 7600 regloscope guarantees stability of the set values in the longitudinal and transversal direction and very easy operation.

## Technical specifications :

Total weight	37 kg	
Gauge of the guide rails	655 mm	
Height adjustment range of the tube	265 to 1265 mm	
Range of the scale of measured inclinations	$-20$ to $+60 \text{ cm} \times 10 \text{ m}^{-1}$	
Required evenness of the workplace floor	$\pm 1 \text{ mm} \times 1 \text{ m}^{-1}$	
Dimensions :	length $\times$ width $\times$ height	660 $\times$ 820 $\times$ 1950 mm
Measurement accuracy :	light inclination	$\pm 1 \text{ cm} \times 10 \text{ m}^{-1}$
	side shift of the light	$\pm 5 \text{ cm} \times 10 \text{ m}^{-1}$
Laser module (MOTEX 7600 only)	wavelength	650 nm
	power	5 mW
	radiation beam diameter	3 mm
	safety class	class 2

The offered devices have a wide application range as they are suitable for smaller as well as larger car repair shops, large-area garages and service facilities. However, they can only be used to check lights on a surface with the prescribed evenness value. The devices meet all conditions for checking and adjustment of headlights of all types of motor vehicles. The checks are very simple with low time demands. The travel of these regloscopes is newly fitted with castors with roller bearings (originally sliding design) for long service life of the travel. Both the regloscope types have been approved for execution of vehicle tests in MOT test stations in the Czech Republic.

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