

# DIFFUSION MEASURING EQUIPMENT



Presenting the latest development for Indian automobile industry!  
This miraculous equipment measures "**Diffusion**" as well as "**Transmission**" of light passing through glass or plastic lens of any headlamp.

Designed for ARAI first, it can facilitate to any headlamp manufacturing industry throughout the nation.



## Technical specifications

### Optics :

- Very special, tailor-made lens systems.
- Integrating spheres at both illumination and sensing sides.

### Measurements :

- Specially designed holder for putting samples of headlamp glass / plastic lens.
- Special certified and tested power supply for illumination system. Automatic 1% correction in output voltage so as to make sure the stable output.

### Illumination :

- Illumination : 12V, 55W (H3) halogen lamp.
- Cooling : Cooling is not required as the illumination is done with a sufficient small lamp. It can be provided where necessary.

### Power supply :

- 230V, 5A AC single phase.

### External Features :

- Main body is manufactured in fabricated steel.
- Paneling in powder coated aluminum sheets for longer life.

### Optional components :

- Luxmeter capable of taking readings upto 0.001 lux. (within 1 in 1000 lux).

Kindly note that, due to constant process of improvement in this field, the features given above may slightly vary.

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