

# Profile Projector - AUTO-L-CHECK



A unique equipment designed, developed and manufactured specifically for Automobile Bulb manufacturers. This instrument is used to take various dimensional measurements of automobile bulb, especially LCL of the bulb.



## Technical specifications

### Screen :

- Three fine ground glass screens of 200 mm clear aperture each
- Cross-wire markings on screen glasses
- Rotating screens with 360° markings
- Vernier scales with 2' least count

### Magnification / Optics :

- 10X Standard

### Job measurements :

- Specially designed holders for each auto bulb, made in CI for durability.
- 15° rotation of holder in left and right direction for measuring tilt angle of filaments.
- Job once placed inside the holder measures LCL first.
- For measuring shift in LCL, move DRO scales fitted on left or right screens.
- Use center screen to measure shield angle for bulbs like S2 or R2.

### Illumination :

- Main illumination : 12V, 55W halogen lamps.
- Cooling : sufficient cooling with axial blowers.

### Power supply :

- 230V, 5A AC single phase.

### Projection system :

- Diascopic/Contour system : Shadow is projected on left and right screens.
- Episcopic : Job surface illuminated at center screen.

### External Features :

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

### Optional components :

- Custom-made overlay charts for various bulb measurements provided with proper drawings from clients.

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

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