



# A complete range of Illuminated Magnifiers



## APPLICATIONS

- Electronic Industries
- Medical Applications
- Watch, Gems & Jewelry
- Engineering Industries
- Forensic Applications
- Quality Control & Inspection

## ILLUMINATED MAGNIFIERS



*Illuminated Magnifiers are designed for specialized inspection requirements in the different industries under specific applications. These magnifiers have maximum magnification upto 7x, with the help of 2x auxillary lens. The magnification is without any chromatic or spherical aberrations over the entire field of view, providing perfect strain-free vision. The lens provides bi-ocular vision with depth perception & comfortable working distance underneath, thus providing easy operation under the lens.*

Our Illuminated Magnifiers find use in :

**Electronic Industries** : To check plated through holes, components such as gang condensers, assemblies and soldering of components. It is particularly used for finding fine pitch component placement accuracy; quality of solders including bridges in reflowed solder, blow holes, checking of colour codes etc.

**Engineering Industries** : Checking surface finish, cracks/burr and viewing profiles. For precision assemblies such as in watches, meters, instruments. Detection of surface defects on finished jobs, cutting tool angles, bolts, etc.

**Medical Applications** : Widely used by Dermatologists for checking skin textures and skin examinations. Used by Dentists, Ophthalmologists, Plastic surgeons, Pediatric surgeons, Cosmetologists & Orthopedic surgeons.

**Beauty Parlour Applications** : Conducting thermolysis procedures for threading. Used to locate black heads, for checking skin disorders, pigmentation etc. It is also useful in locating hair dandruff & scalp disorders.

**Quality Control & Inspection** : Used in most of the industries in quality control & inspection depts. Serves as a good inspection aid at different stages.

### Specifications

Model Number	ET 101 IM
Magnification	3.5x
Body Material	Alum. & C.I.
Body Color	Siemens Grey
Illumination Type	Top
Illumination	22W CFL Tube or 15Watt LED consisting of 30 LED Bulbs
Color Temp. of Light	6500°K
Outer Ring Diameter	220mm
Lens Diameter	148mm
Lens Material	Optical Glass
Effective Lens Dia.	135mm
Working Distance	220mm
Field of View	160mm
Maximum Height	380mm
Vertical Movement	210mm
Horizontal Movement	250mm
Rotation	360 degrees
Lens Tilt	90 degrees
Stand Type	Table Top
Base Size (LxBxH)	225x190x80mm
Weight	8.4 Kgs.
Packing Dim. (cms.)	57x29x33
Optional Accessory	2x Auxillary Lens to make the magnification 7x

