



Lens Inspection System (Arc Lamp) Model BTX75LISII

This unit uses the high intensity white arc light of a 75 watt Xenon bulb for quality control lens inspection.* It is used to locate optical reference points in progressive, bifocal and trifocal lenses. It demonstrates optical phenomena such as shadows, reflection, refraction, interference, diffraction, swirls, coating defects and processing errors.

Features & Benefits

- The lamp housing is small, lightweight and compact for easy portability and ideally suited for desk top use.
- The height and projection direction of the lamp housing is easily adjustable.
- Light is normally projected vertically down onto the base, but turning the entire lamp housing clockwise 90 degrees allows horizontal projection to a vertical screen.
- The Xenon arc bulb produces a very bright light by passing the beam through a small shielded opening in the bottom of the lamp housing.
- The Xenon bulb has an expected life of 400 hours.
- The lamp does not require a warm up period before use.



Specifications:

Xenon Arc Bulb: brightness - 26,000 cd/cm²
luminous area - .4 x .8mm
bulb life - 400 hours

Electrical: 75 watt bulb

Weight: 8.2 lbs.

Dimensions: lamp housing - 4.5" W x 8" D x 5" H
17" H vertical support
base - 9.5" W x 12" D x 2" H

*An arc lamp is used as a diagnostic tool and is not for routine lens inspection.

