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Magnascope (Industrial Self-Illuminated Inspection System)

Product Image



Description

Magnascope consists of a circular solid frame having circular magnifying lens of 120mm diameter. The lens magnification is 2.5X, the lens is free from chromatic aberrations. Flexible arms, controlled by rugged springs, hold the circular frame and the lens. The position of the lens can be fixed up at any desired placement. Uniform illumination of the field of view and the object are attained through a circular, rugged and elegant Japanese Fluorescent Lamp. The illumination has a cool and soft effect on the human eyes during continuous and long observations. This eliminates the fatigue in human eyes during investigation. Another unique feature of this instrument is its base. It is provide with a white perspex sheet top which is internally illuminated. This is useful for the inspection of translucent objects like films in transmitted light and printed circuit boards.

In this model the vice base with clamping facility is provided as shown in the diagram. This model is ideally suited for clamping the entire Magnascope on the edge of the working table of the technician or quality control engineer. The clamping arrangement has a clearance gap of 90mm maximum travel and is made of rugged construction.

Specification

Magnification of the system: 2.5X and 5X

Field size: 113 Sq. cm.

free working distance: 120 mm

Finish: Durable paint and chrome plating

Field size (at 5X): 33.15 sq. mm.

Free working distance (at 5X): 70 mm

Applications

1. Useful in examination of PTH quality of PCBs
2. Gears and burrs
3. Moulds
4. Superficial Cracks inspection
5. Components mounting & Solder joints in wired circuits
6. PCB Wiring

Model

Catalog No.

Magnascope(Industrial Self-Illuminated Inspection System)

7009 (Table Top)

Note: The magnification of 5X is attained by using an auxillary lens of 2X in conjunction

with the principal lens of 2.5X.

The 5X magnification can be obtained in all the three models 7009, 7010 and 7011.

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.