



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

POLARISCOPE FOR STRAIN VIEWING - RSPS-24

Applications

Detection of defects in glass caused during molding procedures. Polariscope is used to identify and evaluate residual Strain in annealed glass containers and similar products. Polariscope is an instrument for analysis of stress in annealed glass containers and similar products.

Working Principle

These Polariscope works on the principle of using polarized light to identify strain in glass. Polariscope incorporates a polarizing filter to convert white light into a polarized light Source that is then directed through a glass sample. Actual levels of stress (temper grade) can easily be determined by comparing colors exhibited during the test with those produced by calibrated standards. Detailed specification as follows:

Specifications

- View area : 240 mm X 240 mm
- Total height : 410 mm
- Width : 290 mm
- Depth : 290 mm
- Light source : 2 X 9 watts fluorescent lamp/Sodium Lamp
- Voltage : 220/240 V AC
- Approx. weight : 7 Kg
- Power Supply : 220 V- 240 V Ac, Single Phase



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