

# Polariscope Strain Viewer



## Product Info :

**Polariscope Strain Viewer** is used to evaluate stress and strain defects in PET Preforms to ensure high-quality production of PET containers. The machine is equipped with highly standardized light sources which when passed through preforms can help users detect even minute amounts of stress that may lead to bottle performance failure. The equipment is designed as per international acclaimed testing standards. PET containers have been the first choice in the packaging industry due to their sturdy built and durability. Moreover, while producing, PET material provides an ample amount of flexibility and at the same time ensure the strength quality. With so many benefits PET containers and bottles are in use in almost all industries. However, such high-demand products are required to be tough and stable at all conditions.

To produce any PET containers, the manufacturer first produces its preform by blowing method. These preforms are tested for many aspects before they are transformed into bottles. One such quality defect in the development of stress & strain. During the production of preforms, due to inappropriate blowing methods, the preforms may develop stress marks, uneven surfaces, bubbles or strains on them. These defects can vary in shape and size and many not are visible by naked eyes. Doesn't Matter how small, but these strain defects can lead to major defects in future. The bottle shape may not be as per requirement, they may not be stable, they may be too weak to store a few substances etc.

It is vital to test these preform before so that we get the faults and quality issues detected at the primary level and can save the errors to flow in the production line and saving a lot of costs.

## Technical Data :-

- Model Name: PCPSV
- Viewing Area: 250 \* 250 mm
- Power Requirement: 220V, Single phase, 50 Hz
- Light Sources: CFL Light & Sodium Light

## Features : -

- Equipped with two light intensity, Monochromatic light and Sodium Lamplight
- Offers sharper and clearer optical viewing experience
- Has a huge viewing glass area for distinct shape preforms
- Allows highly precise detection and analyses of stress & strain defects

## Our Valuable Customer



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