

PET-BOTTLE POLARIZING STRESS METERS

- Suitable for the packaging, automotive, electronics, and medical device industries, etc.
- Based on the principle of photoelastic birefringence, this system uses polarized light to observe interference patterns formed by internal stresses in PET bottles and preforms
- Transforms invisible internal stresses into visual interference patterns and color changes
- Used for quality control and management of rough-machined transparent plastic products
- LED light source with excellent stability and a long service life
- Wide-field-of-view observation reduces the risk of missing local defects

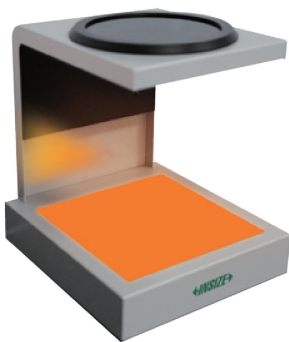
CAN BE
CUSTOMIZED



PSM-S01



PSM-S02 white light



PSM-S02 yellow light

SPECIFICATION

Code	PSM-S01	PSM-S02
Light source	special purpose LED	white light LED, yellow light LED
Analyzer	Ø100mm	Ø200mm
Measurement height	234.5mm	236mm
Field of view	200×200mm	
Power supply	220V, 50Hz	
Dimension (L×W×H)	300×280×330mm	330×335×350mm
Net weight	8kg	9kg

STANDARD DELIVERY

Main unit	1 pc
Power cable	1 pc

stress patterns of PET bottles measured by **PSM-S01** at 0° and 45°



stress patterns of PET bottles measured by **PSM-S02** at 0° and 45°
white light



yellow light

