

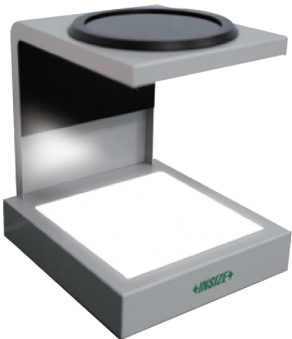
PET-BOTTLE POLARIZING STRESS METERS

- 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

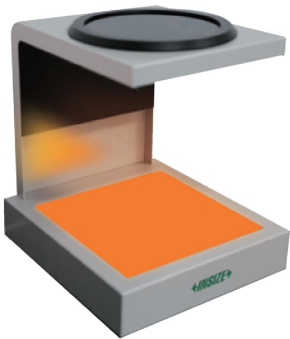
CAN BE
CUSTOMIZED



PSM-S01-U



PSM-S02-U white light



PSM-S02-U yellow light

SPECIFICATION

Part No.	PSM-S01-U	PSM-S02-U
Light source	special purpose LED	white light LED, yellow light LED
Analyzer	Ø100mm	Ø200mm
Measurement height	9.23"	9.29"
Field of view	7.87×7.87"	
Power supply	110V, 60Hz	
Dimension (L×W×H)	11.81×11.02×12.99"	12.99×13.19×13.78"
Net weight	17.64lb	19.84lb

STANDARD DELIVERY

Main unit	1 pc
Power cable	1 pc

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



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



yellow light

