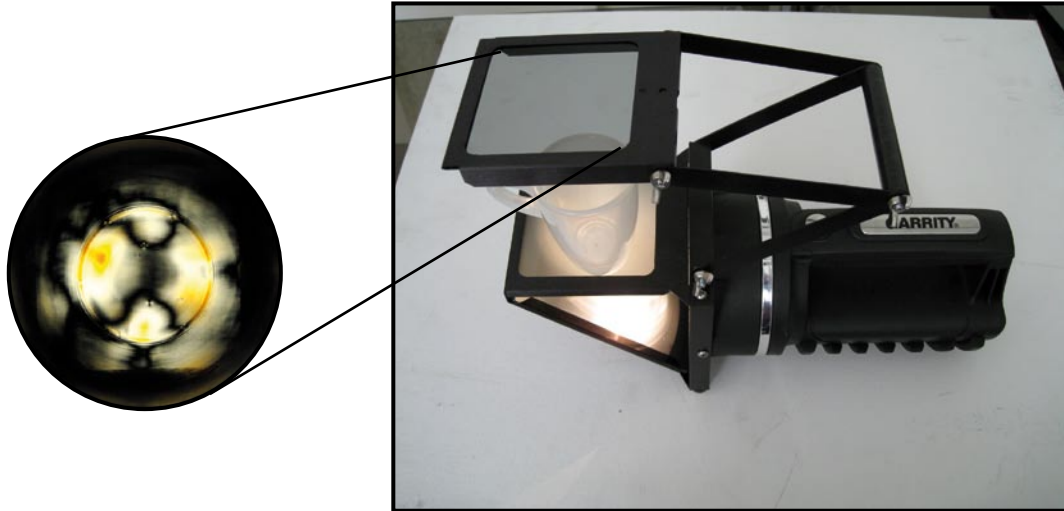




PORTABLE STRAIN VIEWER PSV-100



PURPOSE

Residual stress can enhance a product, making it stronger, or contribute to the product's failure. Surveillance and monitoring of residual stress is an important element of Process and Quality Control in all industries.

The PSV-100 is a rugged, portable strain viewer for polariscopic examination of transparent or translucent products, revealing strains and stresses due to manufacturing processes.

APPLICATION

The PSV-100 is typically used for glass and plastic inspection, typically :

- ◆ *Evaluation of temper in glass*
- ◆ *Verification of annealing*
- ◆ *Observation of strains in moulded products*
- ◆ *Detection of weld and flow patterns*
- ◆ *Examination of flow patterns and gate efficiency*
- ◆ *Identification of irregularities due to mould deficiencies or temperature gradients*

SPECIFICATIONS

exists either with linear or circular polarised filters.

battery operated

adjustable working space up to 180 mm

field of view of 75 x 75 mm

light weight 1.4 kg (including batteries)

OPTIONS

PSV-TP : Tint plate, recommended for colour-enhanced pattern observation of annealed parts.

Measuring wedges : Allows quantitative measurements with the PSV-100.

PSV-MGN : magnifying accessory

PSV-RCH : Rechargeable batteries with charger unit.

