

## SOFTECO POLARISCOPE FOR VISUAL INSPECTION OF STRESSES IN GLASS.



Tempered glass products should be controlled as to stresses to ensure their conformity to standards. A strain viewer is a practical, non-destructive apparatus to control products as well as production conditions.

SOFTECO strain viewer consists of a light source with polarizing filter (polarizer), and another polarizing filter (analyzer), with  $\lambda/4$  wave retarder.

With the apparatus a stress pattern can be seen and stress-defects detected in color. Faults or changes in production can be followed by comparing the stress pattern of a test-piece with a sample previously tested and known as a good one.

### APPLICATION

- ◆ *No glass size limitation*
- ◆ *Movable construction*
- ◆ *Verification of stress pattern of glass*
- ◆ *Detection of irregularities caused by molds*
- ◆ *Detection of faults caused by temperature gradients*
- ◆ *Detection of faults due to quenching irregularities*