

## HAZE METER SGH-2 FOR TESTING HAZE OR TRANSMISSION



SGH-2 is designed based on ECE R43 Road Vehicles-Safety Glazing Materials-Mechanical tests. The instrument can be used to test haze after abrasion and light transmission of transparent or semitransparent samples.

### CHARACTERISTICS of SGH-2

- ◆ The instability of the light source voltage  $\leq 0.1\%$ . The voltage of the power can be allowed to fluctuate from 198V to 242V.
- ◆ Optic System
  - Light source: 12V/DC 50W
  - Halide-tungsten lamp : the instability of the voltage  $\leq 0.1\%$
  - Receptor: a silicon photoelectric cell and a piece of glass for adjusting the optic parameters.
- ◆ Testing System
  - Testing scope: Transmission (0~100%)  
Haze (0~30%)
  - Uncertainty: Transmission %  $\leq 1$   
Haze %  $\leq 0.3$
- ◆ The size of test pieces
  - Abrasion: 100x100mm, the diameter of the center hole:  $\varnothing 7\text{mm}$ ;
  - The size of the biggest sample: height 400mm, thickness 20mm, and no special requirement for the length.
- ◆ Dimensions of SGH-2: 900x320x480 mm;
- ◆ Working power: single phase 220V/AC $\pm 10\%$ , 50Hz, 100W