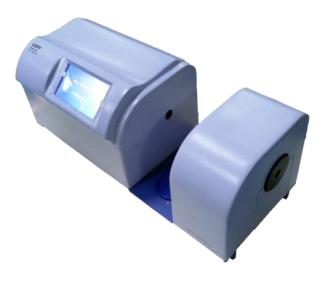


To test the light transmittance and haze degree of all transparent and semi-transparent parallel plane samples (plastic plate, sheets etc), and turbidity or clarity of liquid samples (water, drinks etc), used in the industries of plastics, membrane, coatings and paints, printing ink, research institute and so on.



## **Standards**

This instrument is up to standards of ASTM D1003, and GB/T 2410-2008.

## **Features**

- Adopt parallel lighting, hemispherical reflectance, and integrating sphere photoelectricity receiving.
- Adopt microcomputer automatic operating system and data processing system, can operate without knobs, convenient to use.
- With USB port, can store data in USB flash drive.
- Transmittance result displays at 0.01%, haze also displays at 0.01%.
- Thanks to the employ of modulator, the instrument is not influenced by ambient light, so test needs not to happen in dark room, which assure the accuracy of sample testing.
- Equipped with magnetic film clips and cup for liquid samples, bringing great convenience to users.
- Accompanied with a haze plate, for checking the functions of instrument anytime.



## **Specifications**

Model **SGQ-810** 

Test range light transmittance 0 ~ 100.0%, haze degree 0 ~ 30.00%

light transmittance: ≤1%;

**Accuracy:** haze degree: 0.1% for  $H \le 0.5\%$ ;

0.3% for H > 0.5%light transmittance: 0.5%;

Repeatability haze degree: 0.05% for  $H \le 0.5\%$ ,

0.1% for H > 0.5%

Minimum reading light transmittance 0.01%, haze degree

**Light source** Light source C (6774K)

Solid sample: 50mmx50mm Size of sample

Liquid sample: 50mmx50mmx10mm (size of liquid sample cup)

Size of haze plate 40mmx2mm

**Power supply** 220V±22V, 50Hz±1 Hz

**Environment condition** 5°C~35°C

Instrument size 700mmx270mmx300mm

Weight 21kg

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