



Quartz Cuvette

Product Catalogue

Call Us: +91-8007799090 | +91-9765849656

Website: www.techinstro.com | E-Mail: info@techinstro.com

Working

A cuvette is a small, transparent rectangular receptacle that comes in various materials, quality standards, and dimensions. Glass cuvettes are utilized for visible-range measurements ranging from 310 to 2500 nm. In contrast, Quartz cuvettes provide exact findings across the entire UV and visible spectrum, from 200 to 2500 nm. The more consistent and efficient the measurement, the smaller the production tolerance. Cuvettes store samples for spectroscopic measurements, in which a light beam is sent through it to evaluate its absorption, transmittance, fluorescence emission, fluorescence polarization, or fluorescence lifespan.

■ Product Series – Quartz-Cuvette

Properties:

- 10 mm light path
- 0.01mm PTFE cover included
- The cell bodies are made of fused walls (except NRC)
- Cells can be used in the spectral region 190-2500 nm
- It comes with a pair

Size Variant

Variant: 2 Side Transparent & 4 Side Transparent

■ Important Note:

Customization can be provided as per specifications.

Applications

- Quartz cuvettes are beneficial for research involving UV/VIS/NIR absorbance and fluorescence.
- The synthetic cuvette may be utilized in deep UV applications for spectroscopic cuvettes and is favored for fluorescent applications since it does not display background fluorescence.

Storage And Stability:

This product should be stored at room temperature and pressure, and its stability is indefinite. It should be placed in a clean environment.

Precautions and Disclaimer:

These products are for R&D and industrial use, not for drug, household, personal, or other uses.

Packaging:

It is supplied with highly-protective layers between individual cuvettes within a light-protected, moisture-free, specially manufactured box.

Handling

- When handling the cuvette, the researcher should use powder-free non-latex gloves, which should be held carefully.
- While experimenting, if researched using a substrate with bare hands, the chances of contamination of coated surface due to finger oil are very high. Therefore it is advised to use nylon or polyester gloves.



Feel Free to Reach Us

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