

Quartz Cuvette 50mm Large Capacity Reaction cell



Quartz Cuvette 50mm Large Capacity Reaction cell / quartz square cylinder for Ultraviolet transparent

Optical pathlength: 50mm (Long path length)

Wall thickness: 2mm

Process: Melting and integrating process

Material: Japanese quartz optical glass

Light transmittance: >80%

Applicable wavelength: 2000-2500nm

Quartz Cuvette VS Glass cuvette

1.The Glass cuvette can't be used in UV ultra violet laser light $< 320\text{nm}$. However the Quartz

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Cuvette works well for UV light < 320nm, such as 300nm and 270nm.

2.The Quartz Cuvette is more expensive than regular Glass cuvette .

How to Tell If You Have a Glass Cuvette

The best method to tell if it's a quartz or glass cuvette, pop it into your spectrophotometer, run a wavelength scan from 200-700 nm.

If you see transmission start at 190 nm this is a UV quartz cuvette.

If the transmission starts at 340 nm this is a glass cuvette.

If transmission starts at 220 nm this is an IR quartz cuvette.