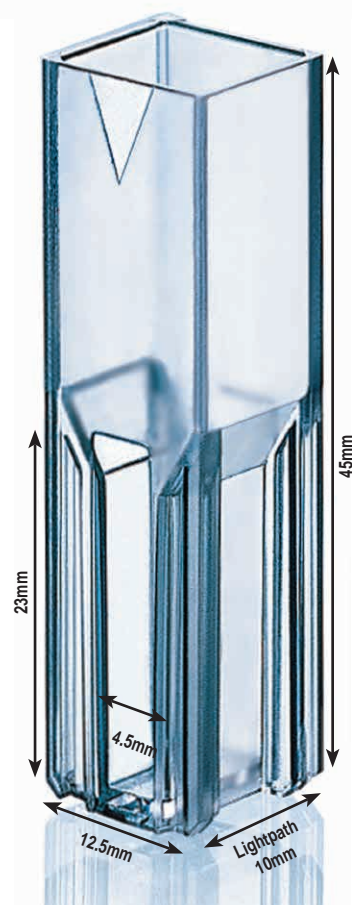


# BRAND UV-Cuvettes

UV-transparent, disposable cuvettes from BRAND replace expensive, fragile quartz cuvettes and are excellent for DNA, RNA, and protein analyses between 230-900nm. See Transmission curves on page 103. Made from a proprietary polycyclical olefin, they are resistant to many aggressive solvents and eliminate the tedious maintenance, cleaning, and contamination risk of quartz cuvettes. Additionally, they fit most commercial spectrophotometers and photometers without requiring the use of special adapters.

- **Eliminate the Hassles of Quartz Cuvettes:** Eliminate the washing, cross-contamination, breakage and expense associated with fragile quartz cuvettes.
- **Allow Smaller Sample Sizes:** In addition to macro and semi-micro sizes that require 2.5mL and 1.5mL of sample volume, respectively, BRAND UV-Cuvettes are available in ultra-micro sizes that require only 70µL of sample volume.
- **Ultra-micro Cuvettes are Available Individually-Wrapped:** Independently-certified DNA-, DNase-, RNase-free for an extra degree of sample protection.
- **Resist Most Chemicals:** Cuvettes may be used with most polar organic solvents, as well as a broad range of acids and bases. They have much greater chemical resistance than PS or PMMA cuvettes and are compatible with chemicals such as acetone, butanone, DMF, and concentrated hydrochloric acid.
- **Perform Consistently:** Cuvettes are manufactured from scratch-resistant materials, and are grouped by manufacturing mold cavity number to ensure the lowest variation in extinction coefficient.
- **Manufactured by BRAND:** BRAND is one of the world's largest cuvette manufacturers. Their 25 years experience producing quality cuvettes is your assurance of reliability.



BRAND semi-micro disposable cuvette

UV-transparent, Chemical-resistant, and Disposable. Save Time and Money.



## UV-Cuvettes

## ORDERING INFORMATION

Description	Cat. No.	2014 List Price
<b>BRAND UV-Cuvette UV-transparent disposable cuvettes (specifications below)</b>		
Macro, pack of 100	759170	\$84.00
Semi-micro, pack of 500	759165	377.00
Semi-micro, pack of 100	759150	84.00
BRAND UV-Cuvette ultra-micro (15mm window height), pack of 500	759230	377.00
BRAND UV-Cuvette ultra-micro (15mm window height), pack of 100	759220	84.00
Individually-wrapped BRAND UV-Cuvette ultra-micro (15mm window height), pack of 100	759235	123.00
BRAND UV-Cuvette ultra-micro (8.5mm window height), pack of 500	759210	377.00
BRAND UV-Cuvette ultra-micro (8.5mm window height), pack of 100	759200	84.00
Individually-wrapped BRAND UV-Cuvette ultra-micro (8.5mm window height), pack of 100	759215	123.00
<b>Cuvette Caps and Accessories</b>		
Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Blue	759240	27.40
Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Yellow	759241	27.40
Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Green	759242	27.40
Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Orange	759243	27.40
Polypropylene Cuvette Rack, 16 numbered positions	759500	24.60



BRAND ultra-micro UV-Cuvettes. 15mm (left) and 8.5mm (right) window heights



Round polyethylene caps provide plug-seal for reliable sample storage. Available in 4 colors!



Polypropylene cuvette rack with 16 numbered positions. Autoclavable to 121°C (250°F)

**Two window heights to fit most spectrophotometers**

Ultra-micro cuvettes must be selected with a window height (z-dimension) that matches the beam height of your spectrophotometer.

Not sure of the beam height of your instrument?  
Check our website for help with cuvette selection  
[www.brandtech.com/beam\\_heights.asp](http://www.brandtech.com/beam_heights.asp)

**Specifications – BRAND Cuvette**

Filling volume	Ultra-micro	Semi-micro	Macro
Minimum	70µL	1.5mL	2.5mL
Maximum	550µL (15mm window)	3.0mL	4.5mL
	850µL (8.5mm window)	—	—
Window Dimensions	2mm x 3.5mm (minimum)	4.5mm x 23mm	10mm x 35mm
		10mm	10mm
Light Path	10mm	10mm	10mm
Range of application	230-900nm	230-900nm	230-900nm

[www.brandtech.com/cuvette\\_comp.asp](http://www.brandtech.com/cuvette_comp.asp) for additional cuvette compatibility information.

**Examples of chemical resistance of UV-Cuvettes**

Substance	UV-Cuvette
Acetic acid 100%	+
Acetone	+
Ammonia	+
Benzaldehyde	+
Butanol	+
Chloroform	—
Dioxane	+
DMF	+
Ethyl acetate	+
Hexane	—
Hydrochloric acid 36%	+
Hydrofluoric acid 10%	+
Isopropanol	+
Nitric acid 65%	+
Sodium hydroxide	+