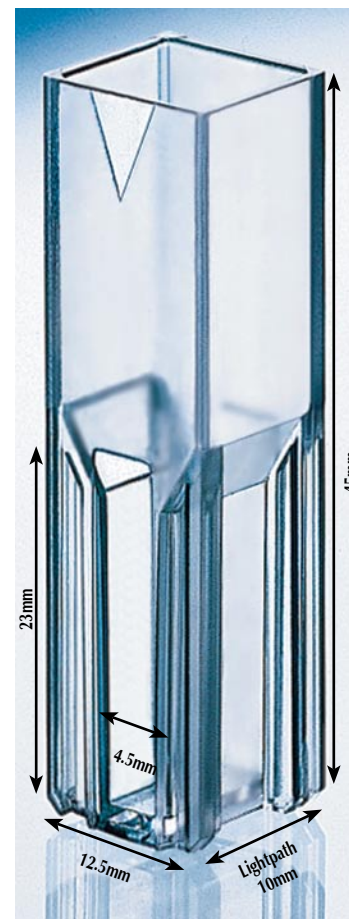


BRAND UV-Cuvettes

UV-transparent, disposable cuvettes from BRAND replace expensive, fragile quartz cuvettes and are excellent for DNA, RNA, and protein analyses between 220-900nm. 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 70 μ L 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 20 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.



ORDERING INFORMATION

Description	Cat. No.
BRAND UV-Cuvette UV-transparent disposable cuvettes (specifications below)	
Macro, pack of 100	759170
Semi-micro, pack of 500	759165
Semi-micro, pack of 100	759150
BRAND UV-Cuvette ultra-micro (15mm window height), pack of 500	759230
BRAND UV-Cuvette ultra-micro (15mm window height), pack of 100	759220
Individually-wrapped BRAND UV-Cuvette ultra-micro (15mm window height), pack of 100	759235
BRAND UV-Cuvette ultra-micro (8.5mm window height), pack of 500	759210
BRAND UV-Cuvette ultra-micro (8.5mm window height), pack of 100	759200
Individually-wrapped BRAND UV-Cuvette ultra-micro (8.5mm window height), pack of 100	759215

Cuvette Caps and Accessories

Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Blue	759240
Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Yellow	759241
Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Green	759242
Cuvette Caps, round, for ultra-micro cuvettes, bag of 100, Orange	759243
Polypropylene Cuvette Rack, 16 numbered positions	759500



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 at www.brandtech.com/beam_heights.asp for help with cuvette selection.



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



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

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	+

Specifications – BRAND UV-Cuvettes

	Ultra-micro	Semi-micro	Macro
Filling volume			
Minimum	70µL	1.5mL	2.5mL
Maximum	550µL (15mm window) 850µL (8.5mm window)	3.0mL	4.5mL
Sample window dimensions	2mm x 3.5mm (minimum)	4.5mm x 23mm	10mm x 35mm
Light path	10mm	10mm	10mm
Range of application	220-900nm	220-900nm	220-900nm