

BRAND Plastic Cuvettes

Why BRAND Disposable Cuvettes?

BRAND is world-renowned as the producer of premium disposable cuvettes. Each and every BRAND cuvette benefits from their over twenty years of experience manufacturing cuvettes to the most exacting standards for reproducible results.

- **Virgin Resins:** BRAND cuvettes are manufactured from the highest quality virgin resins for highest optical quality. Choose polystyrene for determinations above 340nm, and where cost is a concern. Choose polymethyl methacrylate (PMMA or “acrylic”) when performing assays above 300nm. For assays with wave lengths as short as 220nm, or that require enhanced chemical compatibility, choose BRAND UV-Cuvettes, made of a proprietary resin.
- **Mold-Cavity Matching:** All plastic cuvettes are manufactured in multi-cavity molds, producing multiple cuvettes with each molding operation. Even with BRAND’s experience and attention to manufacturing detail, nothing can prevent slight differences among the cavities that can lead to variation in extinction coefficients. Rather than randomly aggregate cuvettes from all cavities, BRAND’s automated production process sorts the cuvettes by mold cavity; each package only contains cuvettes from the same mold cavity. This ensures the lowest possible cuvette-to-cuvette variance, and more accurate measurements. Robotic sorting also eliminates the risk of human error, and potential contamination.
- **Protective Packaging:** BRAND cuvettes are encased in dust-free, low-scratching expanded polystyrene packaging. This ensures that your premium cuvettes arrive at your laboratory in the same pristine condition they were in at the factory, with optical quality windows, and free of contaminants. For applications in which the highest purity is required, BRAND ultra-micro UV-Cuvettes are available individually wrapped and free of DNA, DNase and RNase. Individual wrapping means that these cuvettes offer not only the convenience of disposability, but a degree of sample protection that is unmatched by any reusable cuvette.

The BRAND logo.

Your assurance of a quality cuvette.



BRAND plastic cuvettes are an excellent choice for most spectrophotometry applications in the visible and near-UV range. When manufactured from PS and PMMA, they provide accurate, reliable results even at wavelengths as low as 300nm. These disposable cuvettes are available in macro and semi-micro sizes to accommodate most sample volumes. BRAND plastic cuvettes are compatible with most spectrophotometers and photometers using a standard 10mm path length.

- **Easy to Use:** BRAND plastic disposable cuvettes include an arrow mark to indicate direction of transmission and reduce variation.
- **Options for Most Needs:** PS and PMMA cuvettes are available in both macro and semi-micro sizes to adapt to the needs of most laboratory applications. Semi-micro cuvettes require only 1.5mL of sample volume to provide reliable, accurate results.
- **Perform Consistently:** Cuvettes are manufactured from high-quality materials, and are grouped by manufacturing mold cavity number to ensure the lowest variation in extinction coefficient.
- **Manufactured by BRAND:** One of the world's largest producers of cuvettes, BRAND's over twenty years of quality cuvette manufacturing experience is your assurance of reliability.

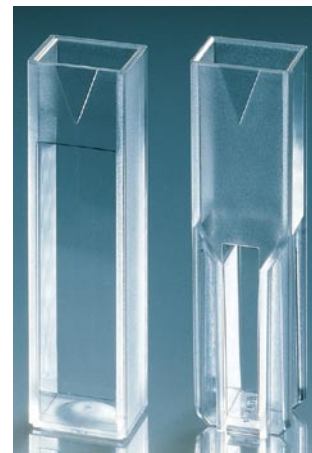
ORDERING INFORMATION

Description	Cat. No.
BRAND Polystyrene (PS) Cuvettes	
Macro, pack of 500	759070D
Macro, pack of 100	759071D
Semi-micro, pack of 500	759075D
Semi-micro, pack of 100	759076D
BRAND Methacrylate (PMMA) Cuvettes	
Macro, pack of 500	759080D
Macro, pack of 100	759081D
Semi-micro, pack of 500	759085D
Semi-micro, pack of 100	759086D
Polypropylene Cuvette Rack, 16 numbered positions	759500

Technical Data

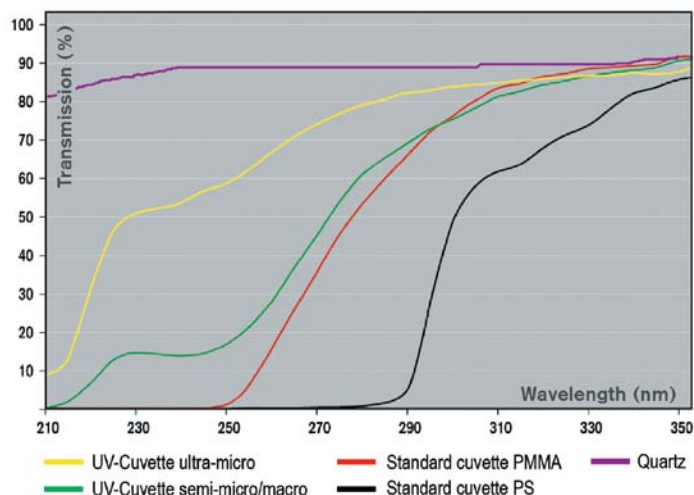
Specifications – BRAND Cuvettes

	Semi-micro	Macro
Filling volume		
Minimum	1.5mL	2.5mL
Maximum	3.0mL	4.5mL
Window Dimensions		
	4.5 x 23mm	10 x 35mm
Light Path		
	10mm	10mm



BRAND disposable cuvettes

Transmission curves of different cuvettes



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

