

Cells

Disposable



Disposable cells, UV-Cuvette micro

- ◆ Allow analysis from 220nm, suitable for DNA/RNA determination at 260 and 280nm
- ◆ 70µl minimum capacity, ideal for low volume sampling
- ◆ Optical path length 10mm
- ◆ Photometric accuracy: $\pm 0.007A$ (220-260nm), $\pm 0.002A$ (270-900nm)
- ◆ Choice of centre height, 8.5mm or 15mm
- ◆ Accessory, colour-coded, sealing caps available
- ◆ Suitable for sample freezing down to $-20^{\circ}C$
- ◆ Individually wrapped versions are cleanroom packed, DNase-, DNA- and RNase-free
- ◆ Sorted into pack by mould cavity to maximise performance consistency

Chemical resistance comparison

Substance	Polystyrene	Cell material Acrylic	UV-Cuvette
Acetic acid 100%	—	—	✓
Acetone	—	—	✓
Ammonia	✓	✓	✓
Benzaldehyde	—	—	✓
Butanol	—	—	✓
Chloroform	—	—	—
Dioxane	—	—	✓
Dimethyl sulphoxide	—	—	✓
Ethyl acetate	—	—	✓
Hexane	—	✓	—
Hydrochloric acid 36%	✓	—	✓
Hydrofluoric acid 10%	✓	✓	✓
Isopropanol	✓	✓	✓
Nitric acid 65%	—	—	✓
Sodium hydroxide	✓	✓	✓

As described. UV-transparent, chemically resistant plastic. Supplied in packs as indicated.

	Inner pack	Outer pack
8.5mm centre height		
CA300-10	—	100
CA300-12	1	100
CA300-15	—	500
15mm centre height		
CA300-30	—	100
CA300-32	1	100
CA300-35	—	500

Accessory caps for CA300-series UV-Cuvette micro cells only

In colours as indicated. Supplied in packs of 100.

- CA302-04 Blue
- CA302-08 Yellow
- CA302-12 Green
- CA302-16 Orange

UV-Cuvette macro and semi-micro cells

Similar to the UV-Cuvette micro cells but in standard 4ml macro and 2ml semi-micro square formats with 10mm path length.

- CA305-20 Macro, 2 clear sides, pack of 100
- CA305-40 Semi-micro, pack of 100

Disposable cells

- ◆ Optical path length 10mm
- ◆ Polystyrene (PS) or acrylic (PMMA)

	Type	Pack qty.
CA400-05	Macro square, PS 4ml, 2-clear sides	100
CA406-10	Micro square, PS 2ml	500
CA407-25	Macro square, PMMA, 2-clear sides	100
CA407-30	Semi-micro square, PMMA	100
CA408-15	Lids, PP for 10mm square cells	1000

Colorimeters – see CS100/CT600 series.

Pipettors – see PR060/PR670 series.

Plastic test tubes – see TE600/TE738 series.

Spectrophotometers – see SJ220/SJ415 series.

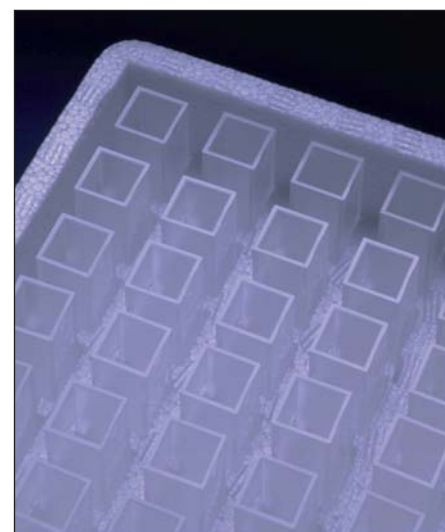
Spectrophotometer calibration cells – see SJ700.

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CA300

CA305



CA400, CA406 and CA407 are similar