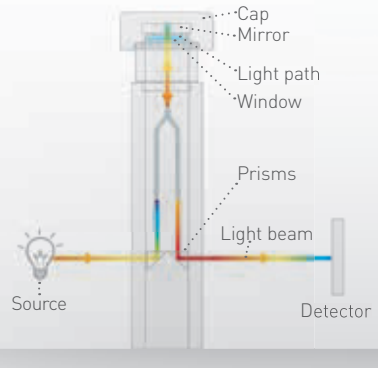
TRAYCELL®

Micro Volume Analysis with spectrophotometer

The TrayCell is a **fiber-optic ultra-micro measuring cell** designed for the UV/Vis analysis of DNA/RNA and proteins. The dimensions of the TrayCell are equivalent to a standard cuvette in order to work in most spectrophotometers.

Advantages:

// Suitable for almost any current spectrophotometers
// Ideally suited for very small **measurement volumes; 0,7 to 10 µl**
// Trouble-free measurement of the sample at different optical path lengths simply by exchanging the cap (caps with dilution factors: 5, 10, 50 and 100)
// Fast and simple cleaning of the optics before measuring the next sample – the TrayCell remains in the cell holder!
// Samples can be reused after the measurement simply by pipetting them off
// During measurements, the TrayCell shows excellent reproducibility



NEW!!
User Manual for the TrayCell to be available for download: www.hellma.com/TrayCell

TYPE	WINDOW MATERIAL	OPTICAL PATH LENGTH mm	CENTER HEIGHT mm*	EXTERNAL HEIGHT mm*	VOL. µl	ARTICLE-NO.
105.800-UVS	Quartz SUPRASIL®	0.2 mm (factor 50) 1.0 mm (factor 10) (+/- 0.02 mm)	8.5 15 20	68.5 75 80	0.7 – 4	105800-A3-V1-46
105.810-UVS	Quartz SUPRASIL®	0.2 mm (factor 50) 1.0 mm (factor 10) (+/- 0.02 mm)	8.5 15 20	53.0 59.5 64.5	0.7 – 4	105810-A3-V1-46

Included in delivery: TrayCell (Type: 105.800-UVS or 105.810-UVS), 2 caps with an optical path length of 0.2 and 1.0 mm, 2 adapters for a center height of 15 mm and 20 mm, screwdriver for center height adapter, premium storage box.

105.800-UVS

105.810-UVS

CAPS FOR TRAYCELL®

TYPE	MATERIAL	OPTICAL PATH LENGTH (+/- 0.02 mm)	VOL. µl	ARTICLE-NO.
665.703	Cap made of stainless steel with a mirror made of Quartz SUPRASIL® with an aluminum mirror layer	1 mm (factor* 10)	3 – 5	665-703-1-40
665.704		0.2 mm (factor* 50)	0.7 – 4	665-704-0.2-40
665.705		2 mm (factor* 5)	6 – 10	665-705-2-40
665.706		0.1 mm (factor* 100)	0.7 – 3	665-706-0.1-40

* factor = dilution factor compared to a standard cell with a path length of 10 mm


665.703


665.704


665.705


665.706