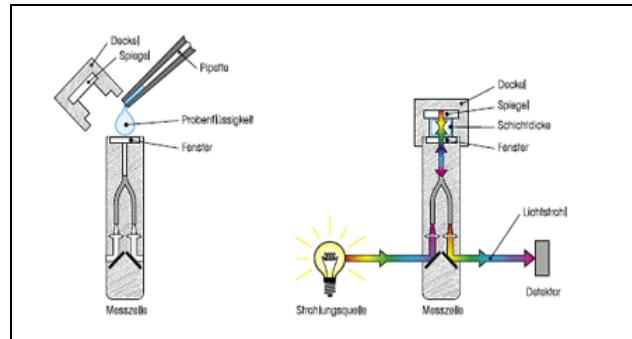


# 超微量光纖比色管

## TrayCell - Fibre-Optical Ultra-Micro Measuring Cell

從此無需再浪費拋棄式比色管費用，更免於清洗石英比色管麻煩，無需另購分光光度儀或 NanoDrop；採用標準比色管規格，適用於大部分分光光度儀(Spectrophotometers)，dynamic range for dsDNA is between 2 ng/μl and 5,000 ng/μl.

	光徑 1mm	光徑 0.2mm	傳統 10mm 光徑
稀釋比	1x		1:10
稀釋比		1x	1:50
檢體量	3~5ul	0.7~4ul	30~1000ul

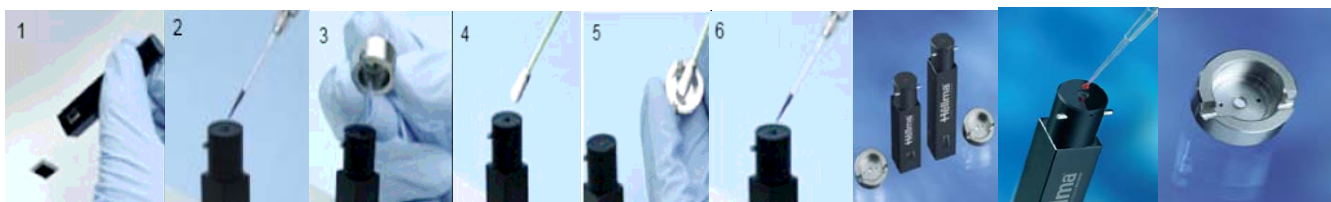


### Applications:

1. Nucleic acid analysis
2. Determination of the incorporation frequency of fluorescent dye labels (FOI)
3. Protein analysis (A280, BCA, Bradford, Lowry etc.)
4. All UV/Vis analysis utilizing the wavelength range of 190 to 1100 nm

Lambert-Beer's Law, is applied: **Concentration [ng/μl] = Absorbance (260 nm) x Factor**  
 Factor = Sample Specific Factor x Virtual Dilution Factor

	Sample Specific Factor	1 mm Cap (Virtual Dilution Factor 10) [ng/μl]*	0.2 mm Cap (Virtual Dilution Factor 50) [ng/μl]*	Total Detection Range [ng/μl]*
dsDNA	50	25 - 850	125 - 4.250	25 - 4.250
ssDNA	37	18 - 630	90 - 3.150	18 - 3.150
ssRNA	40	20 - 680	100 - 3.400	20 - 3.400
Oligo	30	15 - 510	75 - 2.550	15 - 2.550



### Ordering information:

Catalog Number	105.800-UVS	105.810-UVS	665.703	665.704
Description	TrayCell 長型	TrayCell 短型	反射蓋(1mm)	反射蓋(0.2mm)
Volume/LightPath	0.7-5ul	0.7-5ul	1mm(3-5ul)	0.2mm(0.7-4ul)
Centro Height	8.5/15/20mm	8.5/15/20mm		
Price(€)				

台灣轉錄科技有限公司 [www.fomobio.com](http://www.fomobio.com)  
 TEL: 07-5542589; 0800 231 233 FAX:07-5553545