

您方便攜帶的小幫手

IMPLEN

OD600 光度計

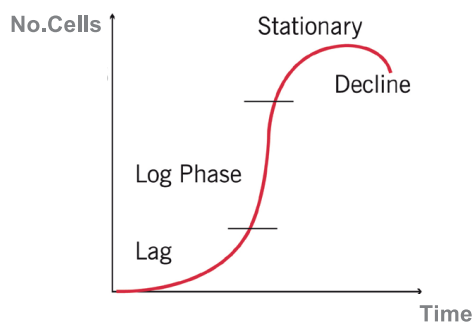
德國工藝 / 全新設計

儀器無需校正

比色管 / 圓型試管適用



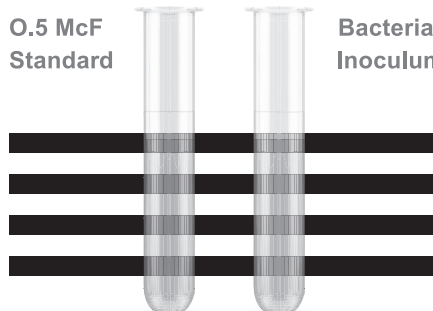
OD600 Application 細菌生長曲線



McFarland Application 混濁度測定

0.5 McF
Standard

Bacterial
Inoculum



IMPLEN OD600 光度計



想了解更多？
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Technical Specifications

Optical Specifications & Displayed Information

Wavelength	600 nm	
Photometric Range	OD600: 0 – 4 A	McFarland: 0 – 16 MFU
Accuracy	OD600: @ 1 A: $< \pm 0.01$ A	McFarland: @ 0 – 8 MFU: $\leq \pm 0.1$ MFU
Reproducibility	OD600: @ 1 A: $< \pm 0.002$ A	McFarland: @ 0 – 8 MFU: $\leq \pm 0.05$ MFU
Cuvettes/Tubes	DiluCells; 10 mm macro and semi-micro cuvettes; 10, 12, 16, 18 mm glass/falcon tubes – without the need for adapters. Wipeable sample compartment - fixed with drain hole.	
Optical Height	8.5 mm	
Displayed Information	Sample list function: View sample data onboard including Abs value, MFU value, sample name, time and date of measurement	

General Specifications

Instrument Size	140 (L) x 110 (W) x 70 (H) mm	
Weight	0.6 kg	
Display Size	3.5" glove compatible touchscreen, 480 x 320 pixels	
Memory	4 GB internal memory, access to all previously measured sample data in sample list feature	
Time and Date Data	Manual or automatic time setting	
Connection Capability/Output	Data export via USB A port Charging via USB C port	LIMS integration via WiFi, Ethernet/LAN (Rest API PUSH)
Battery Life	Rechargeable, continuous use for ~8 hours	
Certification	CE, IEC61010-1:2012 and EN 61326-1:2013	
Data Format	.xls and .csv format exportable. For LIMS: JSON	

NanoPhotometer 全系列分光光度計



N120



NP80



N60



N50



C40

偵測模式	微量	微量 + 比色管	微量	微量	比色管
通道數	1-12	1	1	1	1
建議上樣體積	2 - 3.5 μ l	0.3 - 2 μ l	0.3 - 2 μ l	0.3 - 2 μ l	依比色管型式
波長範圍 (nm)	200 - 900	200 - 900	200 - 900	200 - 650	200 - 900