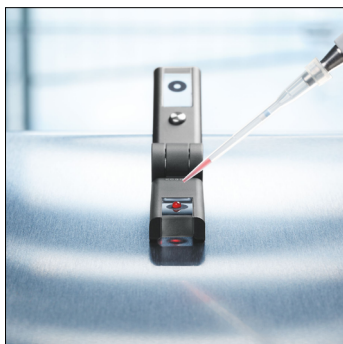


## Eppendorf BioSpectrometer® Series Continued

eppendorf

	BioSpectrometer® basic	BioSpectrometer® kinetic	BioSpectrometer® fluorescence	BioSpectrometer® D30
Absorption Light Source	Xenon flash lamp			
Fluorometer Light Source	—	—	LED	—
Wavelength Range Absorption, nm	Scan: 200 – 830 (increments of 1)			Fixed: 230, 260, 280, 320, 340, 405, 490, 562, 595, 600
Fluorometer Excitation Wavelength, nm	—	—	470, bandwidth: 25	—
Fluorometer Emission Wavelengths, nm	—	—	520 and 560, bandwidth: 15 and 40 (respectively)	—
Temperature Control, °C	—	20 – 42 (increments of 0.1)	—	—
Absorption Spectral Bandwidth, nm	<4			
Absorption Measuring Range, A	0 – 3.0 @ 260nm			
Fluorometer Measuring Range, nm	—	—	0.5 – 2000 fluorescein (emission wavelength 520)	—
dsDNA Concentration Range, ng/μL	2.5 – 1500	2.5 – 1500	2.5 – 1500 (fluorescence down to 1.0)	2.5 – 1500
Dims, w x d x h, mm	295 x 400 x 150			

Code	Description	Price
E6135000025	BioSpectrometer® basic	£6068.00
E6135000906	BioSpectrometer® basic bundle with μCuvette™ G1.0	£6960.00
E6136000029	BioSpectrometer® kinetic	£7339.00
E6136000819	BioSpectrometer® kinetic bundle with μCuvette™ G1.0	£8105.00
E6137000022	BioSpectrometer® fluorescence	£8266.00
E6137000903	BioSpectrometer® fluorescence bundle with μCuvette™ G1.0	£9170.00
E6133000028	BioPhotometer® D30	£4621.00
E6133000909	BioPhotometer® D30 bundle with μCuvette™ G1.0	£5633.00



## Eppendorf μCuvette™ G1.0

A high quality cuvette made of aluminum and quartz glass. It is the perfect tool for measuring high concentrations in small volumes. With a fixed optical path length of only 1mm, the μCuvette G1.0 features a light path that is ten times shorter than in standard cuvettes. This allows nucleic acid and protein concentrations to be measured with high reproducibility in a much higher concentration range without prior dilution. Due to the hydrophobic coating on the quartz glass only 1.5μL nucleic acid or 3μL protein sample are required for precise formation of the liquid column. Self-absorption of the μCuvette G1.0 is very low, meaning that the entire measuring range of the photometer can be used. Furthermore, 5μL of sample solution can be used for specific fluorometric assays saving reagent

Code	dsDNA (UV) Concentration Range, ng/μL	Cuvette Blank @ 260nm, A	Height of Light Source, mm	Light Transmission, nm	Dims, w x d x h, mm	Price
E6138000018	25 - 1500	≤0.05	8.5	180 - 2000	12.5 x 12.5 x 48	£1750.00