



2 year warranty, 3 years on the xenon lamp

## BioDrop+ Microvolume UV/Vis Spectrophotometers



For rapid, simple and accurate measurement of DNA, RNA, oligo and protein concentrations and purity, the BioDrop+ range of micro-volume spectrophotometers will provide the right instrument whatever the application: PCR, qPCR, siRNA or DNA microarray. BioDrop's unique technology has a built-in sample port with no moving parts which ensures excellent accuracy and reproducibility, as well as avoiding the need for calibration, meaning less upkeep and better performance.

There are two variants available: BioDrop  $\mu$ Lite+ and BioDrop Duo+. Each instrument offers a compact footprint, incorporates a colour touch screen with intuitive and easy to use software and a USB port for PC control and data export. BioDrop Resolution software is pre-programmed for DNA, RNA, oligo, fluorescent dye labelling efficiency, Tm calculation, quick measurements and colourimetric protein methods (with standard 10mm cuvette only).

- Light source: pulsed xenon lamp with a 3 year warranty
- Wavelength range: 190 - 1100nm
- Absorbance range: 0.3A - 2.5A
- DNA detection limit (ng/ $\mu$ L): 1
- Micro-volume port – simply pipette 0.5 $\mu$ L or more in the centre, measure, then wipe clean
- Output: USB port
- Dims, w x d x h, mm: 280 x 410 x 190

Code	Alt Ref	Description	Price
<b>SPE1050</b>	80-3006-55	BioDrop $\mu$ Lite+ with 0.5mm micro-volume port	<b>£9127.00</b>
<b>SPE1052</b>	80-3006-68	BioDrop Duo+ with 10mm cell holder and 0.5mm micro-volume port	<b>£10646.00</b>

## BioDrop Accessories

Code	Alt Ref	Description	Price
<b>SPE6052</b>	80-3005-42	Instrument cover	<b>£48.00</b>
<b>SPE6054</b>	80-3005-43	PC instrument cover	<b>£48.00</b>
<b>SPE6056</b>	80-3006-70	Resolution CFR PC software	<b>£1211.00</b>
<b>SPE6060</b>	80-2118-18	Printer cable 9 way M-F D 2 metre	<b>£38.00</b>
<b>SPE6058</b>	80-2115-13	Calibration software and filter kit	<b>£4965.00</b>



## BioDrop CUVETTE

The BioDrop micro-volume CUVETTE overcomes many of the disadvantages of conventional low volume instruments and is a valuable tool for the modern life sciences laboratory combining ease of use and greater accuracy than other techniques. Simply pipette 1 $\mu$ L of sample (DNA, RNA or proteins) onto the BioDrop 125 or 500 CUVETTE, snap the sides together and read the sample on your spectrophotometer. You can then wipe the sample off and proceed to the next measurement.

Code	Alt Ref	Description	Path Length, mm	Beam Height, mm	Sample Volume, $\mu$ L	Maximum DNA Conc., ng/ $\mu$ L	Price
<b>SPE6040</b>	80-3006-20	500 CUVETTE	0.5	15	2.5	3500	<b>£2847.00</b>
<b>SPE6042</b>	80-3006-21	125 CUVETTE	0.125	15	0.6	12000	<b>£3263.00</b>
<b>SPE6044</b>	80-3006-25	Ultimate 125 and 500 CUVETTES	0.5 or 0.125	15	2.5 or 0.6	3500 or 12000	<b>£6224.00</b>
<b>SPE6046</b>	80-3006-30	500 CUVETTE	0.5	8.5	2.5	3500	<b>£2900.00</b>
<b>SPE6048</b>	80-3006-31	125 CUVETTE	0.125	8.5	0.6	12000	<b>£3326.00</b>
<b>SPE6050</b>	80-3006-35	Ultimate 125 and 500 CUVETTES	0.5	8.5	2.5 or 0.6	3500 or 12000	<b>£6456.00</b>