

Corning® Automatic Cell Counter Continued



- State of the art image analysis software allows for optimal accuracy
- When Trypan Blue is added the system can also detect cell viability
- Can detect clusters of cells, which leads to accurate cell counts of "highly concentrated samples" (up to 1×10^7 cells/mL)
- Fast, thanks to its online image processing
- Works with common reusable glass hemocytometer, no consumables required
- Can perform a single cell count in less than three seconds
- Instantly generates a report containing the counted cell concentrations and viability and also the image of the counted sample with the counted cells (live and dead) clearly indicated
- 5MP CMOS camera
- Autofocus functionality enabling quicker and more reliable counting results, and manual focus functionality for individual setting or the ability to finetune the autofocus in a second focus step

Code	Counting Range, μm	Measurement Time	Sample Volume, μL	Field of View	Magnification	Image Resolution	Dims, w x d x h, mm	Price
6749	10 to 70	<3	10	2.0 x 1.5	x200	2048 x 1536	122 x 122 x 125	£3603.00

Anvajo fluidlab R-300 Handheld Cell Counter and Spectrometer



Combines the world's smallest available spectrometer with an AI based automated cell counter based on a new holographic microscopy technique. Its intuitive handling and precise measurements make the fluidlab R-300 the laboratory instrument of the future. With standard cuvettes as well as with glass sample carriers from anvajo a variety of analyses such as absorbance, automatic cell counting and staining-free viability measurements can be performed.

- Cell counting in the range from 3 – 80 μm , viability measurement in the range from 8 – 80 μm
- Spectrometric scatter and absorption measurements in the wavelength range from 375 – 700nm with a spectral resolution of less than 2nm, linear in the range of 0 – 2.5 absorbance units with a photometric accuracy of 0.01
- Detection method: holography
- Lightsource: multiwavelength LED module
- Results available within 1 minute
- 3.5" colour touch screen
- Wizard for automatic calibration curves
- Ideal for field usage – small handheld size, does not need to be recalibrated after transport, runs on robust and long-lasting batteries
- Supplied with power supply unit, USB cable, adapter 01, adapter 02, adapter 03, adapter key, sensor cleaner, user manual and quick-start guide



Code	Alt Ref	Wavelength Range, nm	Photometric Measuring Range	Spectral Bandwidth, nm	Dims, w x d x h, mm	Weight, kg	Price
COU1004	10086	375 - 700	0 - 2.5	<2	94 x 33 x 128	0.24	£3793.00

Accessories

Code	Alt Ref	Description	Pack	Price
COU1006	10085	acella 100 sample carrier, 20 μL volume	25	£50.10
COU1008	10056	acella 50 sample carrier, 10 μL volume	25	£50.10
COU1010	10114	acella 20 sample carrier, 4 μL volume	25	£50.10
COU1012	10078	Sensor cleaner	12	£14.28
COU1014	10054	Transportation case	Each	£49.70
COU1016	10039	Adapter 01	Each	£33.10
COU1018	10135	Adapter 02	Each	£33.10
COU1020	10131	Adapter 03	Each	£33.10
COU1022	10042	Adapter key	Each	£10.97
COU1024	10048	Power supply unit	Each	£22.10
COU1026	10049	USB cable	Each	£16.50