

Specifications - Multiskan Ascent

Technical specifications

Optical performance range	340 nm -850 nm
Light source	Tungsten Halogen lamp 6V/10 Watts
Filters	8-position filter wheel (4 included in Complete Systems) 405, 450, 492 and 620 supplied as standard. Others available on request.
Half bandwidth of filters	3-9 nm
Wavelength accuracy	+/- 2 nm
Detector	One silicon photo detector
Linearity (96-well plate)	0-4 Abs, +/- 2 %
Linearity (384-well plate)	0-3 Abs, +/- 2 %
Read-out range	0-6 Abs
Resolution	0.001 Abs
Accuracy	+/- 1 % or 0.003 Abs, whichever is greater (0-2 Abs) +/- 2 % (2-3 Abs)
Precision	CV < 0.2 % (0-3 Abs),
Measurement time	96 well plate 384 well plate
Continuous mode	9 s 20 s
Stepping mode	14 s 42 s
Optional incubator range	Ambient + 4°C – 50°C
Warming speed	<40 min
Uniformity	+/- 0.8°C across the plate
Shaking	Linear shaking , 3 speeds

Ordering information

097882610	Multiskan Ascent w/floppy (Complete System) With 405, 450, 492, 620 filters & Okidata 184T Printer
097882611	Multiskan Ascent w/floppy & Incubator (Complete System) With 405, 450, 492, 620 filters & Okidata 184T Printer