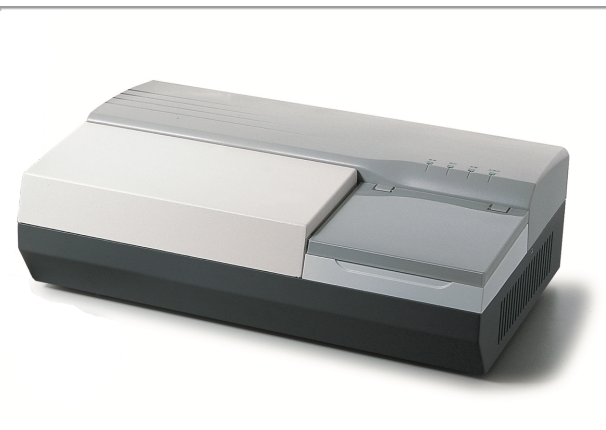


Flexible

Microplate Reader

Reliable and Accurate

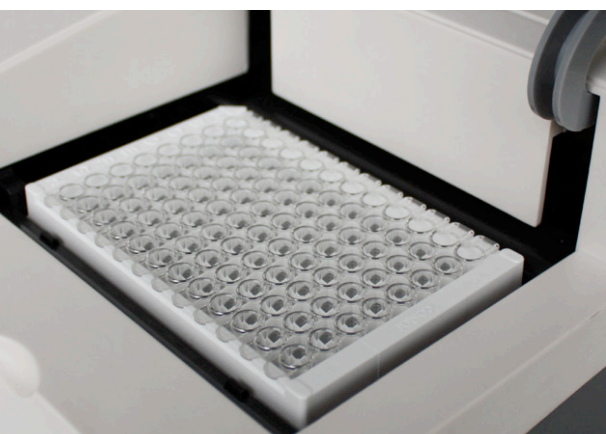


AMP Platos R 4 PC

Automated Microplate Reader

AMP Platos R 4 PC is a versatile filter based and PC-controlled micro plate reader, which can be easily adjusted to individual requirements. In addition to the 4 standard wavelengths another 4 filter wheel positions are available for optional wavelengths.

The powerful PC software supports efficient data management and enhanced quality control functionalities.



Technical Specifications

Light source:	Halogen tungsten lamp 8V/20W
Optical System:	8-channel fibre optics
Optical Range:	400 to 700 nm
Wavelengths:	405, 450, 492 and 630 nm standard 4 optional wavelengths
Photometric range:	0.0000 - 4.0000 Abs
Resolution:	0.001 Abs (display), 0.0001 Abs (calc.)
Linearity:	< ± 1.0%
Accuracy:	± 0.5% or ± 0.005 Abs
Microplate type:	96 well microplate or strips, flat or round bottom
Mixing (built-in shaker):	3 speed levels, timing 0 to 60 seconds
Reading time:	Less than 5 seconds per microplate
Test modes:	Single or double wavelength
Calculation modes:	Abs., cut-off, single point, point-to-point (max. 8), multi-percent, percent logarithm, linear regression, log regression, exponent regression, power regression, 4PL regression
Operation:	PC based operation, bi-directional communication
Interface:	RS-232, USB
Printer:	Any Windows-compatible printer
Memory:	100 test protocols, 100.000 results
Power supply:	110 - 220 VAC, 50/60 Hz
Dimensions:	W 454 x D 295 x H 146 mm
Weight:	6.2 kg

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