



Innovative

# Microplate Reader

Accurate and Versatile



# AMP Platos R II

## Automated Microplate Reader

AMP Platos R II is a new generation of microplate reader utilizing monochromatic LEDs as the light source for photometric analysis of various types of enzyme linked immuno sorbent assays in a wide range of applications.

The huge memory for different test protocols and the clearly structured software make AMP Platos R II a versatile and easy to use tool for routine ELISA testing - either as a stand-alone device or connected to a Laboratory Information System (LIS).



### Technical Specifications

Light source:	monochromatic LED min. life time: 100.000 hours
Wave lengths:	405, 450, 492 and 630 nm standard 2 optional wave lengths
Photometric range:	0.0000 - 2.5000 abs
Resolution:	0.0001 abs
Linearity:	$r \geq 0.995$
Repeatability:	$cv < 1\%$
Mixing:	3 speed levels, programmable timing
Reading time:	less than 6 seconds per plate
Test modes:	single or double wave length abs., cut-off, single point, point-to-point, linear, index, log. or exp. regression
Display:	7" TFT screen (touch screen optional)
Operation:	6 function and 4 cursor keys numeric keypad
Options:	keyboard, mouse, barcode reader
Interface:	RS-232, 4 x USB, SD card
Printer:	built-in thermoprinter
Memory:	200 test protocols, 100.000 results
Power supply:	100 - 240 VAC, 50/60 Hz
Power consumption:	max. 80 W
Dimensions:	W 400 x D 310 x H 169 mm
Weight:	6 kg

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