



Microplate Reader

- *Has extensive Data Analysis*
- *Curve-fitting, formulas, transformations, and Control/Assay validation*
- *Stores 75 Custom Assay Definitions in memory*
- *Saves 10 Microplate Test Results*
- *Reads 24, 48, or 96 well microplates*
- *On-board Diagnostic Testing of Optical and Performance Specs*
- *MICROWELL STRIP READERS ALSO AVAILABLE*



Auto Strip Washer

- *Can wash single strips or full plates*
- *Suitable for EIA, Fluorescence, Chemiluminescence, RIA, DNA Probe and Cellular Assays*
- *Syringe drive fluid delivery system*
- *75 stored protocols*
- *AutoPrime feature*
- *Bottom Washing and Crosswise Aspiration protocols*
- *MANUAL WASHERS ALSO AVAILABLE*

ELISA READERS AND WASHERS

AUTO STRIP WASHER

This is a stand-alone Microplate reader. It is designed for applications within the clinical, biotechnology research and pharmaceutical markets. The on board data reduction surpasses many PC software packages with its extensive curve fitting, cutoff calculation, data transformation and validation capabilities.

Features:

Extensive on Board Data Analysis

- Curve fitting options including linear, quadratic, and 4-P
- Control and Assay validation with complete results reporting
- Transformation formulas
- Cutoff and Call Criteria

Memory

- Stores 55 assay definitions (up to 75 custom assays)
- Saves 8 Microplate test results
- Stores up to 25 standard curves for reuse

Multiple Plate Formats

- 384 well capability for High Throughput Screening
- Routine ELISA and Cellular Assays in 24-, 48-, and 96- well analysis
- Specialized applications in 60-, 72-, and 96- well Terasaki formats

On Board Diagnostic Testing

- System Test checks the entire optics path
- Universal Test Plate software tests for alignment, accuracy, linearity, and repeatability

Specifications:

- Plate type 24-, 48-, 96- well plates / 384- and 60/72/96- well Terasaki plates optional
- Light Source: Tungsten Halogen Bulb
- Absorbance range: 0.000 to 3.000 Abs
- Wavelength range: 400 to 750 nm / 340 to 750 nm (UV option)
- Accuracy: +/- 1% +/- 0.010 Abs from 0.000 to 2.000 Abs
- Linearity: +/- 1% from 0.000 to 2.000 Abs / +/- 3% from 2.000 to 3.000 Abs
- Repeatability: +/- 0.5% +/- 0.005 Abs from 0.000 to 2.000 Abs
- Read Method: Endpoint
- Reading Speeds: 30 secs single wavelength
- Weight: 18.5 lb. (8 kg)
- Dimensions: 16.5"D X 15"W X 7"H (41.9 X 38.1 X 17.8 cm)
- Regulatory: CE Mark, ETL Mark for UL3101-1 CAN/CSA C22.2 No. 1010.1 / Conforms to IEC 1010-1

MICROWELL STRIP READER

A portable, rugged, single/dual wavelength photometer designed to measure and interpret the absorbances of microwell strip assays. The analyzer is flexible enough to accommodate flat- or round-bottom 8-well, 12-well, and 2 X 8 well strips.

Features

- Automatic well location
- 4 internal user-defined analysis programs
- Automatic average blanking
- Internal memory stores up to 12 plates of Absorbance values
- RS232 and parallel printer interfaces
- Battery or line-powered

AUTOMATED WASHER

Features

- Precise syringe pump fluid delivery
- Suitable for EIA, Fluorescence, RIA and Cellular Assays
- Easy programming for washing single strips or full plates
- Bottom washing and crosswise aspiration protocols
- Optional automatic buffer switching
- Auto prime and auto rinse functions

Specifications

- Microplates: Accommodates all 96 well microplates and strips
Well Shape: flat, round or "V" bottom
- Performance: Residual volumes of <5 microliters/well depending on plate type and aspiration protocol *Variable fluid flow rates of 150-1000 microliters/well/sec. Soak times 1-600 seconds *Dispense volumes of 50-3000 microliters per well
- Hardware Features Display: 2 line x 24 character LCD * Membrane keypad with 25 alpha numeric keys * positive displacement syringe drive for fluid delivery * RS232 port for PC Interface
- Software Features 75 user programmable protocols * 16 character program name * Variable soaking * Multispeed shaking * Bottom Washing * Crosswise aspiration
- Maintenance Pre-programmed maintenance protocols * Manifold, carrier and aerosol cover easily removeable
- Physical 35 cm (W) x 40 cm (D) x 16.25 cm (H) * Weight 8.9 kg

MANUAL WASHER

Features

- Washes all 96 well microplates and microwell strips
- Convenient gravity feed fluid delivery
- Autoclavable
- Compact and easy to use

PLEASE CONTACT:

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