

MICROPLATE READER

FLEXIBILITY AND VALUE...



Microscan

MICROSCAN

Fortress Microscan - Microplate Reader

Product Code: FORTMRS1

The Microscan is a compact, standalone, 8-channel microplate reader. Its streamlined design offers touch screen interface, rapid reading, superb optics, on-board curve-fitting software, and built-in printer to meet the requirements of modern laboratories.

- Fully automatic reading.
- Reads 96 wells in about 12 seconds.
- Interactive touch-screen LCD with USB mouse option.
- Bichromatic optics. Standard model includes four filters, six filters available.
- On board data reduction calculations include regressions, curve fitting and cutoff absorbance calculations with step-by-step user prompting.



www.fortressdiagnostics.com



Microscan Microplate Reader - Technical Specifications

FEATURE	DESCRIPTION
TYPE OF ANALYSER	SEMI-AUTOMATED STAND-ALONE READER WITH A SMALL FOOT PRINT
OPTICS AND PHOTOMETRY	
ABSORBANCE RANGE	0.0 TO 4.0 A
PHOTOMETRIC ACCURACY	+/- 1%
PHOTOMETRIC DRIFT	<0.005A IN 8 HOURS OPERATION
LIGHT SOURCE	HALOGEN LAMP WITH LAMP SAVER FEATURE
WAVELENGTHS	405NM, 450NM, 545NM, 630NM
FILTER TYPE	IAD HARD COAT INTERFERENCE FILTERS WITH 10NM HALF BANDPASS
MEASURED PLATE TYPES	STANDARD 96 WELL FORMATS IN PLATES OR STRIPS LOADED ON PLATE HOLDERS
USER INTERFACE	
DISPLAY	TOUCH SCREEN LCD, USER FRIENDLY AND INTERACTIVE
PRINTER	IN BUILT THERMAL
POWER REQUIREMENTS	230 V 50 HZ
INTERFACE	USB MOUSE
PLATE TRANSPORT	STEPPER MOTOR
SOFTWARE	
CALCULATION MODES	SINGLE POINT, POINT TO POINT CURVE FIT, POLYNOMIAL REGRESSION, LINEAR AND SIGMOIDAL REGRESSIONS (LOG AND LINEAR), CUT OFF ABS, MULTIPOINT, % ABS
ADDITIONAL FEATURES	FULLY OPEN USER DEFINED FORMATS INCLUDING PLATE FORMATTING, ALPHANUMERIC TEST NAMING, AUTOMATIC INTERPRETATION OPTIONS, DUPLICATE WELL OPTIONS, CURVE PLOTTING AND EDITING, FLAGS AND ERROR MESSAGES
MISCELLANEOUS	
DIMENSIONS	19X20.3X42CM, 6.8 KG

Authorised Distributor:

