Essential Microplate Instrumentation to Streamline Your Workflow

VISIBLE ABSORBANCE

SMARTREADER™ 96

The Accuris SmartReader™ 96 (MR9600/MR9600-T) is a welcome addition to any lab that is routinely measuring concentration or absorbance in 96 well plates. The built-in touch screen allows for onboard programming & operation (no PC software required). Measurement data is available immediately on the screen after a reading, as well as interpretations, calculated analysis and curve fittings.

- Onboard programming & operation
- Filter based system with wavelength range from 340 to 750nm
- Includes filters for 405, 450, 492, and 630nm (additional filters available separately)
- Integrated, multi-speed plate shaker
- MR9600-T features temperature-control from ambient + 5 to 45°C

Applications:

- ELISA Assays
- Enzyme Kinetics
- Bacterial Growth
- Microbial Growth

Cat No.	Description
MR9600∗	SmartReader™ 96 Microplate Absorbance Reader, 115V
MR9600-T∗	SmartReader™ 96 Microplate Absorbance Reader with Incubation, 115V
MR9600-PC	SmartReader™ PC Software for MR9600 and MR9600-T
MR9600-TP	Thermal Printer for MR9600/MR9600-T

∗ Use part number "-E" to indicate 230V input and specify required plug type
∗ Additional filters are available from 340-750nm

Filter Wheel

SMARTREADER™ UV-VIS

UV-VIS ABSORBANCE

SMARTREADER™ UV-VIS

The Accuris SmartReader™ UV-Vis Microplate Reader (MR9610/MR9611) has been designed for the efficient processing of multiple samples in either 96- or 384-well microplates. These instruments feature a monochromator that provides a full detection range from 200 to 1000nm.

- Onboard programming & operation
- Monochromator technology, no filters needed
- Wavelength range from 200 to 1000nm
- Integrated plate shaker and incubation
- Optional SmartDrop™ Accessory Plate for DNA quantification of up to 16 sample droplets
- MR9611 features a cuvette port

SmartDrop™ Accessory Plate

Applications:

- ELISA Assays
- DNA/RNA Quantification
- Protein Quantification
- Colorimetric Assays
- Enzyme Kinetics
- Bacterial Growth

Cat No.	Description
MR9610∗	SmartReader™ UV-Vis Microplate Absorbance Reader, 115V
MR9611∗	SmartReader™ UV-Vis Microplate Absorbance Reader with Cuvette Port, 115V
MR9610-SDP	SmartDrop™ Accessory Plate for UV-Vis Microplate Readers
MR9610-PC	SmartReader™ UV-Vis PC Software

∗ Use part number "-E" to indicate 230V input and specify required plug type

SMARTREADER™ MULTIMODE

The Accuris SmartReader™ Multimode (MR9620) is an advanced microplate reader designed to meet the growing needs of advanced life science labs. Equipped with a full suite of high-performance optical systems, the SmartReader Multimode is your all-in-one solution for UV-Vis absorbance, fluorescence and luminescence applications.

- Intuitive, 10-inch color touch screen
- Stand-alone system with optional PC software
- Optional Automatic Injection Modules available for flash luminescence
- Optional SmartDrop™ Accessory Plate for DNA quantification of up to 16 sample droplets

Cat No.	Description
MR9620*	SmartReader™ Multimode Plate Reader, 115V
MR9620-AIM1	Automatic Injection Module for MR9620, set of 1
MR9620-AIM2	Automatic Injection Module for MR9620, set of 2
MR9610-SDP	SmartDrop™ Accessory Plate for UV-Vis Microplate Readers
MR9620-PC	SmartReader™ PC Software (Research Version)
MR9620-CFR	SmartReader™ PC Security Software (21 CFR Part 11)

* Use part number "-E" to indicate 230V input and specify required plug type

Applications:

- ELISA Assays
- DNA/RNA Quantification
- Fluorescent Nucleic Acid / Protein Quantification
- Flash Luminescence
- Chemiluminescent ELISA

MULTIMODE

SMARTWASHER™ 96

SMARTWASHER™ 96

The Accuris SmartWasher™ 96 (MW9600) automates the process of ELISA plate washing so assays can be prepared quickly, accurately, and with confidence. It's the perfect companion to our popular SmartReader™ 96.

- Compatible with 96-well microplates with U, V, C, & flat bottoms
- Accurate to 0.01mm
- Liquid level sensors in wash and waste bottles
- Minimal residual liquid (≤ 1.0µL/well)
- Auto-rinse function eliminates cross contamination
- Up to 100 wash protocols can be customized and stored

MICROPLATE WASHER

Cat No.	Description
MW9600*	SmartWasher™ 96 Microplate Washer, 115V
MW9600-8CM	8-Channel Manifold
MW9600-12CM	12-Channel Manifold

* Use part number "-E" to indicate 230V input and specify required plug type
* Manifold not included

Auto**MATE**™ *96*
Microplate Pipetting Workstation

The AutoMATE™ 96 (MP9604) is a high throughput liquid handling workstation that automates the process of liquid handling when filling microplates. Capable of dispensing up to 96 channels simultaneously, the AutoMATE 96 significantly reduces the processing time and errors associated with manual pipetting.

- Accepts 96/384 well microplates, PCR Plates, and Reservoirs
- 4-Position Motorized Platform
- Automated Tip Loading, Aspiration, Dispensation, & Tip Ejection
- Exchangeable pipetting heads (1-20µL, 5-200µL, 100-1000µL)

Cat No.	Description
MP9604*	AutoMATE™ 96 Channel Pipetting Station, 115V (head not included)
MP9600-20PH	Pipetting head for AutoMATE™, 1-20µL
MP9600-200PH	Pipetting head for AutoMATE™, 5-200 µL
MP9600-1000PH	Pipetting head for AutoMATE™, 100-1000µL
MP96-T20-LR**	AutoMATE™ Pipette Tips, racked 96 well, 20µL, Low Retention, 24/cs
MP96-T200-LR**	AutoMATE™ Pipette Tips, racked 96 well, 200µL, Low Retention, 24/cs
MP96-T1000-LR**	AutoMATE™ Pipette Tips, racked 96 well, 1000µL, Low Retention, 16/cs

* Use part number "-E" to indicate 230V input and specify required plug type
** Use part number "-LRFS" for Low Retention, Sterile, & Filtered pipette tips.

SMARTSEAL™

SMARTSEAL™
Semi-Automated Plate Sealer

The Accuris SmartSeal™ Semi-Automated Plate Sealer (MS1000) provides fast, reproducible sealing of microplates. Unlike manual plate sealing, the SmartSeal ensures uniform sealing of all wells and consistency from one plate to the next.

- Fast, reproducible sealing of well plates (deep well plates, assay plates, PCR plates, etc.)
- Adjustable time, temperature and pressure for optimized sealing
- User friendly controls, load plate and press run to seal

Cat No.	Description
MS1000*	SmartSeal™ Semi-Automated Microplate Sealer, 115V
MS1000-F1	Foil seals, peelable for PP plates, 100/pk
MS1000-F2	Foil Seals, strong bonding for cold storage (-200 to 110°C) and DMSO, for PP plates, 100/pk
MS1000-PCR1	Optically clear sealing film for qPCR, PEELABLE for most plate types, PP, PC, PE, etc., 100/pk
MS1000-PCR2	Optically clear sealing film for qPCR, STRONG BOND for PP plates, 100/pk
MS1000-PCR3	Optically clear sealing film for qPCR, PIERCEABLE for most plate types, PP, PC, PE, etc., 100/pk

* Use part number "-E" to indicate 230V input and specify required plug type