

Micropress®



MICROPRO™-AST Antibiotic Susceptibility Testing

KEY FEATURES

- Touch screen with graphic interface.
- Optical System: Independent photometric channel reads fast and accurate within 15 second.
- Information Management System option available.
- Multiple results reporting formats.
- Data Interface: Connect with computer for data management and result interpretation via software.

TECHNICAL SPECIFICATIONS

Report Types	Computerized result management and reporting system. Reporting with S/I/R and corresponding antibiotic concentration.
Memory	Windows based Data Management Software which facilitates storage of unlimited sample reports (depending on HDD space).
Self-Test	Yes, Check filter disk, plate transport, electronics, main PC board, battery and memory
Warm-up time	Up to 90 seconds
Reading speed	
Step mode:	15 seconds
Mixing Capability	3-speed programmable
Compatible plates	Testing plates provided with the Installation Pack and antibiotic panels with the reagent pack.
Optics	
Spectral range	400-700 nm
Photo-detectors	8 silicon photodiode detectors for measurement
Light source	Tungsten Halogen, 6V/20W
Technical:	
Measurement range	0.000 to 3.500
Linear Measurement range	0.000 to 2.000

Resolution	0.0001 OD
Accuracy	±1.0% for 0.0-2.0 or ±0.007A
Precision	±0.5% for 0.0-2.0 or ±0.005A
Linearity	±2.0% or ±0.007A
Information Management system	Yes available but with Data management software.
Database back-up	Yes
Printer/Interface/Display	External printer, RS-232C serial interface, USB interface, RJ45 interface, SD interface. Windows CE/Windows. Touch Screen & Pen / External Mouse 5.7 inches LCD display, 320 × 240, 256 gray scale
Power Supply	110 V-220 V, 50-60 Hz
Operating Conditions	Temperature: 0°C-40° C, Humidity 85%
Dimensions	46 cms x 34 cms x 19 cms
Weight	7.5 kgs
Cat. No.	MAS001

LIST OF STANDARD ACCESSORIES DESPATCHED ALONG WITH THE INSTRUMENT

Components	Qty	Components	Qty
Power Cord	1 No.	RS-232 Cable	1 No.
Touch Pen & Bracket	1 No.	Fuses (3.15A)	2 Nos.
Mouse	1 No.	Dust Cover	1 No.