

Sensititre 8-Channel Programmable Pipette



Quick, accurate, versatile manual plate inoculation system

Quickly and accurately inoculate microtiter plates with enhanced ergonomics using the Thermo Scientific Sensititre 8-Channel Programmable Pipette.

Features

The 8-Channel Programmable Pipette shares common features with all components of the Sensititre AST System: It produces accurate, reliable, consistent results; it fits seamlessly into an integrated AST workflow including manual, semi-, and fully automated options; and customers receive the benefit of premiere Thermo Scientific support and service.

In addition, the Programmable Pipette offers these additional features for optimized inoculation.

- **Enhanced ergonomics**

Keeps your hand in a neutral position, increasing comfort and accuracy. Upright design prevents tips from contamination by touching the bench.

- **Versatile dispensing options**

Delivers 25 to 1,250 μ L in 5 μ L increment settings, using one to eight tips. Touchpad makes it easy to set up a single delivery or adjust multiple programmable settings. Dispensing speed option allows dosing an entire plate in less than 10 seconds.

- **Calibration protocol**

Tip ejection is effortless, and onboard calibration software eliminates the need for any tools. Requires only a 90-minute charge every 600 cycles.

Specifications

Name	Size
Physical characteristics	Accuracy: ±0.8% at 1250 µL, ±1% at 625 µL, ±3% at 125 µL
	Volume (metric): 25–1250 µL
	Increments: 5 µL
	Number of channels: 8
	Display: LCD
Physical and electrical characteristics	Instrument dimensions: 15.24 cm (H) x 20.32 cm (W) x 20.32 cm (D) 6 in (H) x 8 in (W) x 8 in (D)
	Electrical requirements: Rechargeable Lithium-ion Battery, Ovation Power Supply
	Includes: Power supply with adapter; shelf hanger
	Model: Right-handed
	Finger style: Ergonomic

Ordering information

Name	Catalog #
Sensititre™ Nephelometer	V3011
Sensititre™ Pipette Tips, for VistaLabs Pipette	E4109
Troughs	E1032-10

Scan QR Code



Contact Information:
Thermo Fisher Scientific India Pvt. Ltd.
403-404, Delphi 'B' Wing, Hiranandani Business Park,
Powai, Mumbai 400 076, India.
customer.reach@thermofisher.com
Call India toll-free: 1-800-222-230

For a more complete workflow, visit thermofisher.com/pipette

Sensititre OptiRead Automated Fluorometric Plate Reading System



Quickly, accurately, and automatically read, interpret, and report Sensititre ID/AST plates

The Thermo Scientific Sensititre OptiRead Automated Fluorometric Plate Reading System uses fluorescence detection technology to automate reading Sensititre plates, delivering fast, accurate Identification and MIC values and interpretations. Automation helps to maximize consistency and eliminate manual reading errors.

The OptiRead System links directly to the Sensititre SWIN Software System, quickly transferring test results for processing, interpretation, and report generation. Combining user-friendly automation in a compact, lightweight design, the OptiRead System facilitates efficient and productive workflows for busy laboratories that value consistent reporting standards.

Features

The Sensititre OptiRead System shares common features with all components of the Sensititre System: it produces accurate, reliable, consistent results; it fits seamlessly into an integrated ID/AST workflow including manual, semi-, and fully automated options; and customers receive the benefit of premiere Thermo Scientific support and service.

In addition, the Sensititre OptiRead System offers these additional features for plate inoculation.

- **Fast fluorescent reads of Sensititre plates**
- **Eliminate manual processing steps to improve laboratory efficiency and productivity**
- **Automated reading, interpretation, and reporting of results**
- **Maintain consistent reporting standards**

Workflow

- 1 Scan plate barcode into SWIN™ Software
- 2 Enter Specimen/Isolate Information
- 3 Load Plate into OptiRead System
- 4 Select OptiRead System Icon on SWIN Software to activate read
- 5 Review Results & Expert System Messages
- 6 Accept & Finalize Results to generate report



Specifications

Technical characteristics	Test type: ID/AST
Regulatory status	FDA-cleared
Physical characteristics	Instrument dimensions: 33.5 cm (W) x 26.0 cm (D) x 18.5 cm (H) 13.2 in (W) x 10.2 in (D) x 7.3 in (H)
	Weight: 6.4 kg; 14.1 lb
Electrical	Power requirements: 100–240 VAC; 50–60 Hz Power consumption: 150 watts

Ordering information

Name	Catalog
Sensititre™ OptiRead™ Automated Fluorometric Plate Reading System	V3030
Sensititre™ SWIN™ Software System	SW4000GBL

Scan QR Code



Contact Information:
 Thermo Fisher Scientific India Pvt. Ltd.
 403-404, Delphi 'B' Wing, Hiranandani Business Park,
 Powai, Mumbai 400 076, India.
customer.reach@thermofisher.com
 Call India toll-free: 1-800-222-230

For a more complete workflow, visit thermofisher.com/Sensititre_optiread

© 2024 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are property of Thermo Fisher Scientific Inc. unless otherwise specified.

Sensititre Nephelometer

Easily prepare a consistent standard inoculum every time

A crucial AST requirement is to prepare an accurate microbial suspension equivalent to the 0.5 McFarland Standard. The Thermo Scientific Sensititre Nephelometer is the instrument for the preparation of microbial suspensions for inoculation into Sensititre AST plates.

The Sensititre Nephelometer makes preparing a consistent inoculum easy and quick by guiding the user to increase or decrease the concentration of emulsified test colonies until a green “in range” result is reached. This indication that the suspension is ready for addition to the chosen test broth helps minimize the risk of manual errors associated with targeting numeric values.

Features

The Sensititre Nephelometer shares common features with all components of the Sensititre AST System: it produces accurate, reliable, consistent results; it fits seamlessly into an integrated AST workflow including manual, semi-, and fully automated options; and customers receive the benefit of premiere Thermo Scientific support and service.

In addition, the Sensititre Nephelometer offers these additional features for inoculum preparation.

- **Easy-to-read LED indicator**

Is fast and easy, and helps to minimize the risk of manual errors. Runs at the touch of a button.

- **Calibration protocol**

Runs at the touch of a button.

LEDs indicate “in range” (green) vs “out of range” (red).



low cell density

high cell density

Workflow

Nephelometer calibration

1 MixMcFarland Standard (Invert 5-7 times).

2 Load Standard into Nephelometer.

3 Press "CAL" Button.

Suspension measurement

1 Aseptically transfer 3-5 colonies from pure, overnight culture to sterile water, or as specified by the IFIJ.

2 Vortex.

3 Insert tube to Nephelometer.

4 Adjust as needed until a green "in range" result is achieved. Suspension is now ready for addition to chosen test broth.

Specifications

Name	
Physical characteristics	Instrument dimensions: 19 cm (W) x 13.5 cm (D) x 9.7 cm (H) 7.5 in (W) x 5.3 in (D) x 3.8 in (H)
	Weight: 1 kg; 2.2 lb
Electrical	Power requirements: 100–240 V AC; 400 mA Power consumption: 15 watts

Ordering information

Name	Catalog #
Sensititre™ Nephelometer	V3011

Scan QR Code



Contact Information:
 Thermo Fisher Scientific India Pvt. Ltd.
 403-404, Delphi 'B' Wing, Hiranandani Business Park,
 Powai, Mumbai 400 076, India.
customer.reach@thermofisher.com
 Call India toll-free: 1-800-222-230

For a more complete workflow, visit thermofisher.com/nephelometer

© 2024 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are property of Thermo Fisher Scientific Inc. unless otherwise specified.

Sensititre AIM Automated Inoculation Delivery System



Quickly, accurately, and automatically dose most 96-well microtiter plates

The Thermo Scientific Sensititre AIM Automated Inoculation Delivery System automates quick and accurate dosing of most 96-well plates, including Sensititre plates, for identification and antimicrobial susceptibility testing (AST). Offering a small footprint and user-friendly design, the system streamlines plate setup, eliminates skipped wells, and avoids costly repeat tests. It also mitigates the risks of cross-contamination, staff exposure, and biohazardous spills linked to increased sample contact.

The Sensititre AIM System is easy to use. Just select dosing volume and pattern on the icon-driven touchscreen for simple, intuitive plate inoculation.

Features

The Sensititre AIM System shares common features with all components of the Sensititre AST System: It produces accurate, reliable, consistent results; it fits seamlessly into an integrated ID/AST workflow including manual, semi-, and fully automated options; and customers receive the benefit of premiere Thermo Scientific support and service.

In addition, the Sensititre AIM system offers these additional features for plate inoculation.

Compatible with most 96-well microtiter plates

Ensures flexibility with dry or frozen formats.

Unique tube design and manually applied seal

Provide additional protection against biohazardous spills.

Workflow

- 1 Screw dosehead onto inoculum tube
- 2 Load tube into AIM Lock into place
- 3 Load plate onto docking station (barcode, front)
- 4 Select panel type/program
- 5 Select reconstitution volume
- 6 Single press to begin dosing



Specifications

Technical characteristics	Test type: ID/AST
Regulatory status	FDA-cleared
Physical characteristics	Instrument dimensions: 33.8 cm (W) x 31.2 cm (D) x 28.7 cm (H) 13.3 in (W) x 12.3 in (D) x 11.3 in (H)
	Weight: 8 kg; 17.6 lb
Electrical	Power requirements: 100–240 VAC; 50–60 Hz Power consumption: 150 watts

Ordering information

Name	Catalog
Sensititre AIM™ Automated Inoculation Delivery System	V3020
Doseheads for Sensititre AIM™ for plate inoculation	E3010

Scan QR Code



Contact Information:
 Thermo Fisher Scientific India Pvt. Ltd.
 403-404, Delphi 'B' Wing, Hiranandani Business Park,
 Powai, Mumbai 400 076, India.
customer.reach@thermofisher.com
 Call India toll-free: 1-800-222-230

For a more complete workflow, visit [thermofisher.com/Sensititre AIM](https://thermofisher.com/Sensititre_AIM)

© 2024 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are property of Thermo Fisher Scientific Inc. unless otherwise specified.



Sensititre Vizion Digital MIC Viewing System

Optimized, semi-automated manual plate reading system for AST

The Thermo Scientific Sensititre Vizion Digital MIC Viewing System is a semi-automated solution that helps microbiology laboratories accurately and efficiently read and record minimum inhibitory concentration (MIC) readings from Sensititre antimicrobial susceptibility testing (AST) plates.

Simply place your MIC plate into the loading tray and use the customizable lighting options to calibrate optimally to your microorganism type. The Vizion System displays a digital plate image from which you can select MIC values onscreen within a predefined supportive template. The system increases traceability and reduces manual reading and recording errors.

The Vizion System stores MIC plate images in the powerful Thermo Scientific Sensititre SWIN Software, which also offers immediate data review, expert interpretation via an Expert System, and optional LIS/LIMS connectivity to expedite access to results and facilitate faster decision-making. With this instrument, you can even consolidate offline testing onto one platform for maximum efficiency.

Features

The Vizion System shares common features with all components of the Sensititre AST System: it produces accurate, reliable, consistent results; it fits seamlessly into an integrated AST workflow including manual, semi-, and fully automated options; and customers receive the benefit of premiere Thermo Scientific support and service.

In addition, the Vizion System offers these additional features for optimized plate reading.

Customizable and reproducible lighting options optimize visual interpretation of a wide range of organisms, including:

- *Streptococcus spp.*
- *Haemophilus spp.*
- *Klebsiella spp.*
- *Mycobacterium spp.*
- Yeast
- *Staphylococcus spp.*
- *Stenotrophomonas spp.*
- *Acinetobacter spp.*
- *Pseudomonas spp.*

Semi-automated touchscreen-driven reading and interpretation

With a recorded, auditable reference image.

Connectable Expert System

Fully customizable Expert System and optional LIS connectivity save time, reduce errors, and speed valuable information to clinicians.

Onboard QC

Onboard quality control management modules facilitate record keeping.

Epidemiological tracking

Monitor and track emerging resistance patterns and streamline reporting with the SWIN Epidemiology Module option.

Workflow

- 1 Scan plate barcode into SWIN™ Software
- 2 Enter Specimen/Isolate Information
- 3 Load Plate into Vizion™
- 4 Select Vizion™ Icon on SWIN™ Software to activate read
- 5 Select MIC via semi-automated guided reading
- 6 Accept & Finalize Results



Specifications

Technical characteristics	Test type: MIC
	Product type: Digital MIC viewing system
Assay range	Antimicrobial agents: Various
Physical characteristics	Species: Various
	Instrument dimensions: 26.3 cm (W) x 35.4 cm (D) x 31.5 cm (H) 10.4 in (W) x 13.9 in (D) x 12.4 in (H)
Electrical	Weight: 9.5 kg; 21 lb
	Power requirements: 220/240 VAC, 60 Hz Power consumption: 8 watts
Safety testing	Standards met: ETL, EMC

Ordering information

Name	Catalog
Sensititre™ Vizion™ Digital MIC Viewing System, Vizion Instrument	V2021
Sensititre™ SWIN™ Software System	SW4000GBL

Scan QR Code



Contact Information:
 Thermo Fisher Scientific India Pvt. Ltd.
 403-404, Delphi 'B' Wing, Hiranandani Business Park,
 Powai, Mumbai 400 076, India.
customer.reach@thermofisher.com
 Call India toll-free: 1-800-222-230

For a more complete workflow, visit thermofisher.com/Sensititre_vizion

© 2024 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are property of Thermo Fisher Scientific Inc. unless otherwise specified.