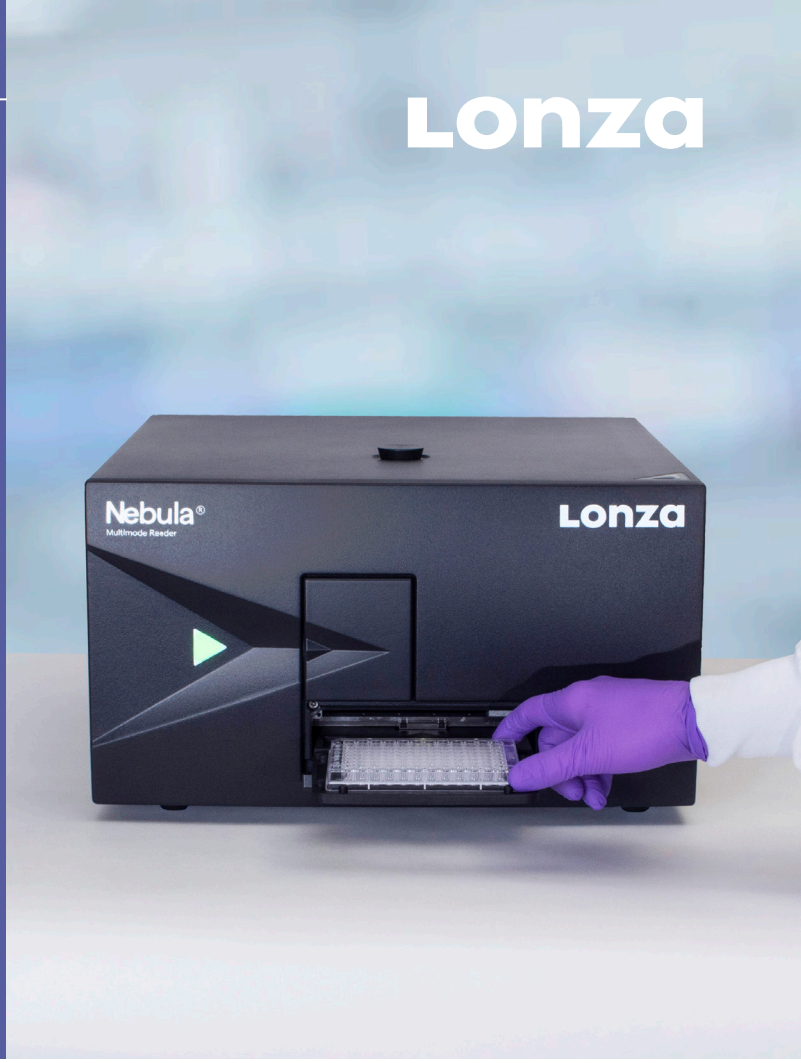
Enabling a Healthier World

Nebula® Multimode Reader



One Reader. Two Detection Methods.

The Nebula® Multimode Reader brings absorbance and fluorescence technology together in one easy-to-use instrument. This 96-well microplate reader allows users to utilize traditional LAL assays and recombinant Factor C technology such as the PYROGENT® 5000 Kinetic Turbidimetric Assay, the Kinetic-QCL® Kinetic Chromogenic Assay, and the PyroGene® rFC Assay. The Nebula® Multimode Reader is optimized for all of Lonza's quantitative endotoxin detection assays, bringing new and improved technology to the laboratory.

Product Overview

The Nebula® Multimode Reader is a part of the quantitative endotoxin detection system that supports both absorbance and fluorescent based endotoxin detection assays. Optimized specifically for Lonza's quantitative endotoxin detection assays, this reader has an excitation monochromator optimized for wavelength accuracy and precision, ensuring excellent performance for every absorbance and fluorescence assay. By combining two detection methods in one reader, the reader footprint is reduced, maintenance is simplified, and laboratory efficiency is increased. Controlled by Lonza's WinKQCL® Endotoxin and Analysis Software, version 6.3 and higher, Lonza delivers a high- performance and easy-to-use system for users interested in multiple endotoxin detection assays.

On-site service and preventative maintenance contracts help ensure that your instrument is working properly. Lonza's expertly trained service professionals will provide installation, qualification and preventative maintenance to keep your reader qualified and functional.

Technical Specifications

- Read capabilities: Absorbance (monochromator), fluorescence (monochromator)
- Read position: Top/bottom read
- Light source: Xenon Flash
- Detection: Silicon photodiode (Absorbance) or PMT (Fluorescence)
- Fluorescence sensitivity: Fluorescein, < 20 pM Top read, 100 pM Bottom read
- Wavelength range: 230 – 1000nm (Absorbance), 230 – 850nm (Fluorescence)
- Temperature control: 5° C above ambient to 42° C
- Power: Auto-sensing: 100 – 120 V/220 – 240 V, 50 – 60 Hz
- Dimensions: 42.5 cm W x 45.7 cm D x 25.3 cm H (16.73" W x 17.99" D x 9.96"H)
- Weight: 15.8 kg (34.8 lbs.)

Benefits

- Flexibility of absorbance and fluorescence applications
- Reduced reader footprint
- Monochromator-based wavelength selection
- Reduced reader maintenance
- High performance optics
- Streamlined training and validation requirements due to WinKQCL® Software integration.

Applications

- Parenterals
- Biologics
- Medical devices
- Dialysis
- Compounding
- Water analysis
- R&D

Ordering information:

Part code (US)	Part code (EU)	Name	Description
25-375S	25-375S	Nebula® Multi-mode Reader	Incubating absorbance/ fluorescence reader
XXXX	XXXX	Nebula® Multi-check Test Plate	For alignment, repeat-ability, and accuracy validation
196004	N/a	UPS-APC 150VA	Uninterruptible power supply with LCD, 120V output (US edition)
N/a	BE00196004	UPS-APC 150VA	Uninterruptible power supply with LCD, 240V output (EU edition)
204511	7160013	Fluorescent Liquid Test Kit	Sodium fluorescein test kit for reader validation

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