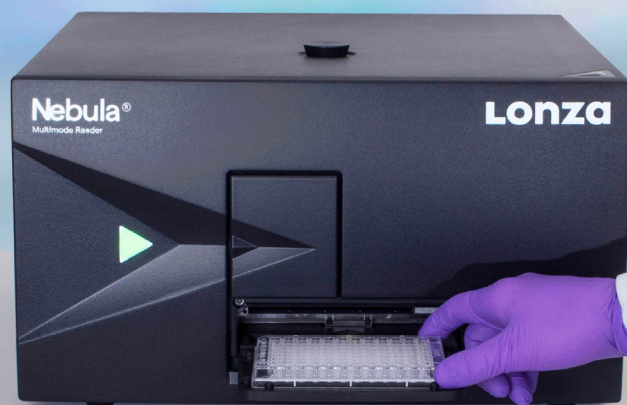


# Nebula<sup>®</sup> Multimode Reader



## One Reader. Two Detection Methods.

The Nebula<sup>®</sup> 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<sup>®</sup> 5000 Kinetic Turbidimetric Assay, the Kinetic-QCL<sup>®</sup> Kinetic Chromogenic Assay, and the PyroGene<sup>®</sup> rFC Assay. The Nebula<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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, repeatability, 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

## Contact Us

### North America

Customer Service: + 1 800 638 8174 (toll free)  
order.us@lonza.com  
Scientific Support: + 1 800 521 0390 (toll free)  
scientific.support@lonza.com

### Europe

Customer Service: + 32 87 321 611  
order.europe@lonza.com  
Scientific Support: + 32 87 321 611  
scientific.support.eu@lonza.com

### International

Contact your local Lonza Distributor  
Customer Service: + 1 301 898 7025  
Fax: + 1 301 845 8291  
scientific.support@lonza.com

Lonza Walkersville, Inc. – Walkersville, MD 21793

All trademarks belong to Lonza, registered in USA, EU or CH or to third party owners and used only for informational purposes. The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information and no warranty is expressed or implied concerning the use of these products. The buyer assumes all risks of use and/or handling. Any user must make his own determination and satisfy himself that the products supplied by Lonza Group Ltd or its affiliates and the information and recommendations given by Lonza Group Ltd or its affiliates are (i) suitable for intended process or purpose, (ii) in compliance with environmental, health and safety regulations, and (iii) will not infringe any third party's intellectual property rights. The user bears the sole responsibility for determining the existence of any such third party rights, as well as obtaining any necessary licenses.

For more details: [www.lonza.com/legal](http://www.lonza.com/legal).

©2022 Lonza. All rights reserved.

RT-TS025 04/22