

Thermo Scientific VisionMate High Speed 2D Barcode Reader

The Thermo Scientific VisionMate High Speed 2D Barcode Reader rapidly decodes 2D barcoded storage tubes with both single tube and full rack reading capabilities. The compact, user-friendly reader provides exceptional flexibility with data export formats, tube type readability and tube layout options.



Speed and Versatility. Controlled via the on-screen software interface provided, or remotely via TCP/IP connection, the Thermo Scientific VisionMate high speed 2D barcode reader scans a single 2D barcoded storage tube or entire tube rack in less than three seconds. Coupled with robust optics and an automation-friendly design, including recessed lid corners for better robotic placing, the VisionMate® reader is ideal for high-throughput operations.

Enhanced Tube Readability. Programmable for optimal speed and efficiency with the ability to be run remotely, the VisionMate reader decodes all standard Thermo Scientific 2D barcoded storage tubes as well as virtually any other 2D barcode with ease. Read labware with a 2D barcode while in single tube mode. An optional 1D barcode accessory is available for reading and integrating codes on the sides of racks into file names.

Simple Operation. Connect to your computer via a single USB port and, despite which way the tube rack is placed, the computer automatically adjusts orientation and correctly aligns codes with well positions. A single camera enables image file save ability. Lights illuminate only during use to preserve energy.

Superior Sample Protection. Operating down to -40°C , the VisionMate reader preserves sample integrity by enabling barcoded tubes to be read while stored in your cold room or large low temperature liquid store. Additionally, the sealed unit prevents frost and condensation buildup to allow reading of ice-cold tubes at ambient temperatures.

Data File Flexibility. Easily integrated into LIMS, existing databases or tracking systems, choose the data format for export and with optimized software, conserve memory space. User-defined code types and lengths indicate incorrect codes and limit access by user profile.

Knowledgeable Support. Our team has a strong reputation for supporting both equipment and consumables, and can demonstrate how the VisionMate reader can streamline sample management in your laboratory.

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Dimensions (W x D x H)	5.1"/130 mm x 7.1"/ 180 mm x 7.3"/185 mm
Weight	8.1 lbs/3.7 kg
Power Supply	110-240 V, 50-60 Hz
Speed	Less than 3 seconds/rack
Decoding Capacity	1 rack up to 96 tubes, 1 tube or 2D code (in single tube mode)
Supported Barcode Type	Any Thermo Scientific 2D Barcoded Storage tube, plus any other standard 2D Data Matrix-coded storage tube
Computer Requirements	1 GB RAM PC with Microsoft® Windows® 2000, Windows XP or higher (including Windows Vista®); 2 GHz Processor
Connection Method	Via supplied USB cable to internal USB2 port (External USB hubs not recommended)
Data Transfer Method	Microsoft Excel file; Text file (comma delimited, columnar file); COM Port; Virtual COM Port; XML File; TCP/IP; ActiveX® and ODBC

Ordering Guide

Item No.	Description	Qty
AB-1850	VisionMate High Speed 2D Barcode Reader	Each
AB-1860	VisionMate 1D Reader Adapter	Each

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