Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Thermo Fisher
SCIENTIFIC

thermoscientific

VisionMate **HSX**

Barcode reading

VisionMate HSX High Speed Barcode Reader

The Thermo Scientific™ VisionMate™ HSX High Speed Barcode Reader can be used on the benchtop or as part of an automated system to instantly decode 2D barcoded storage tubes and racks. A combination of customizable features and data handling options enables seamless transfers to your LIMS or database. An ideal complement to the Thermo Scientific™ Matrix™ and Thermo Scientific™ Nunc™ 2D barcoded tubes, the VisionMate HSX barcode reader helps provide valuable process flexibility and compatibility in drug discovery, and biological or genomic storage environments.

VisionMate Suite Software
Thermo Scientific™ VisionMate™ Suite Software enables a streamlined experience from barcode reading through to data export. The VisionMate HSX barcode reader can scan Matrix and Nunc tubes in 24-, 48-, 96-, and 384-format racks in as little as 1 second. A wide range of configuration options, including

adjustable camera settings and rack orientation detection and compensation, helps you fit the software in your workflows. The user interface provides multiple options for 2D barcode data viewing and output with a combination of file formats and connectivity options.

Customizable LED visual feedback
After each read is completed, LED strips on the underside of the reading surface provide the user with instant visual feedback about their results. Different feedback colors are displayed for four different read outcomes, including successful reads, rack orientation errors, rack code errors, and an unexpected number of tubes. The colors are fully customizable based on user preference. This option adds a personalization component and allows users with color vision deficiencies to benefit from this feature.
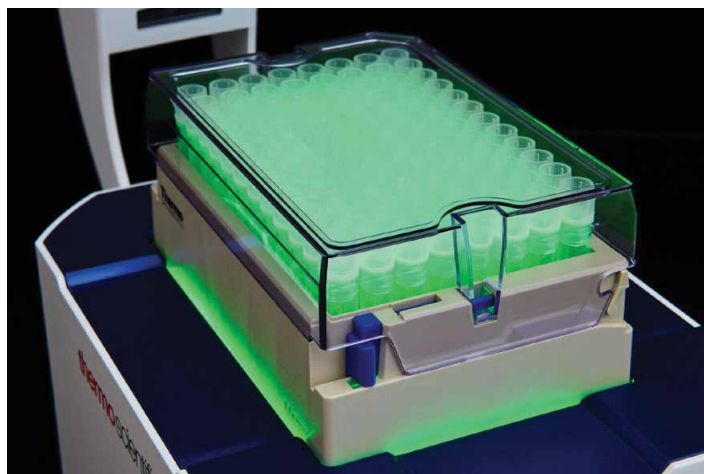
thermo scientific

Quality hardware components

The hardware components used in the VisionMate HSX base unit help provide high quality, flexibility, and longevity. The all-metal housing is machined to strict tolerances and enables a full seal to be achieved. The base unit is fully powered and controlled through a single USB connection to your computer. A 3-meter USB cable offers greater placement flexibility throughout your laboratory and automated systems. A magnetic linear barcode reader is included with the base unit for reading linear rack barcodes. Frost protection features help inhibit the formation of frost on the reading surface and help to ensure the system can successfully read 2D barcoded tubes at ambient temperature after removal from a cold storage environment.

Cleanroom compatibility and ingress protection

The VisionMate HSX barcode reader incorporates design elements and materials that enable the reader to be used in a cleanroom environment. The base unit has an ingress protection rating of IP66, which indicates the unit is dust-tight and protected against powerful jets of water. These results help ensure that the reader will not contaminate your cleanroom and will not be adversely impacted by liquids used in cleaning and sterilization or by residual condensate from frozen racks. Please see our **smart note on IP66 certification** for testing details and additional information about this rating.

VisionMate HSX High Speed Barcode Reader

Product details	
Cat. No.	312850
Warranty	12 months
Reading time	As little as 1 second per rack
Decoding capacity	Single rack of tubes in 24-, 48-, 96-, and 384-format racks; single tubes (in single-tube mode)
Barcode compatibility	Matrix and Nunc 2D barcoded tubes, ECC200, ISO 16022:2006; linear barcodes
Compatible data transfer methods	CSV, ODBC, TCP/IP, HTML, XLS, image (PNG, JPG, TIFF, GIF, BMP), VMCSV (VisionMate compatible CSV file), XML
Power supply	USB connection
Dimensions	5.9 x 7.8 x 6.3 in (15 x 20 x 16 cm)
Weight	8.8 lb (4.0 kg)
Ingress protection rating	IP66 according to IEC 60529
Recommended PC requirements	
Operating system	Microsoft™ Windows™ 10 system
Communication	1 x USB 2.0 or higher for base unit; 1 x USB 2.0 or higher for linear barcode reader accessory
Processor	2.0 GHz 32-bit x86 or 64-bit x64 or higher
Memory	4 GB for Windows 10 system
Display	Super VGA (800 x 600) or higher resolution monitor with 256 colors

Learn more at **thermofisher.com/samplestorage**

thermo scientific