

SINGLE TUBE AND WHOLE RACK READERS

OVERVIEW WHOLE RACK READERS

Anti-frost system which minimizes condensation of frozen samples (passive system with DR505 and active system with DR710)

Scans and decodes 2D Data-Matrix codes

Compatible with Micronic 138-, 96-, 48-, and 24-well format racks

Single tube reading option with the DR505 and DR710

Decode time differs per reader and varies from 3 seconds (DR900) to 5 seconds (DR505) to 7 seconds (DR710)

Supplied with Micronic Code Reader Software

The DR900 is a camera-based reader

High resolution image quality

Small benchtop solution

OVERVIEW SINGLE TUBE READERS

Unique rack positioner for accurate 1D barcode reading

1D and 2D code reading in less than a second

Compatible with Micronic 96-, 48- and 24-well format tubes

Keyboard wedge functionality

Easy-to-use. No software installation required

Sound indication (beep) when code is read

Small footprint

OPTIONAL FEATURES

Micronic Side Barcode Readers

The Micronic Side Barcode Readers are available as an option for the following whole Rack Readers: the Micronic Rack Readers DR505, DR710 and DR900. When mounted, the Micronic Code Reader Software can read both the 1D rack barcode and 2D tube codes simultaneously.

CODE READER OVERVIEW & SPECIFICATIONS

WHOLE RACK READERS	MICRONIC RACK READER DR505	MICRONIC RACK READER DR710	MICRONIC RACK READER DR900
Basic Features			
Imaging technology	CIS	CIS	CMOS
Camera- or scanner based	Scanner	Scanner	Camera
Read time	1 second	1 second	1 second
Scan/Decode time	5 seconds	5 seconds	2 seconds
Dimensions (mm)	265 x 186 x 70	265 x 186 x 70	170 x 145 x 193.5
Decoding software	Micronic	Micronic	Micronic
Software Compatibility			
Windows 8.1, 10 and 11*	Yes	Yes	Yes
Connection	USB x2	USB x 2	USB x 2
Output Options			
Output text file	Yes	Yes	Yes
Configure output file	Yes	Yes	Yes
ODBC database push	Yes	Yes	Yes
User account independent	Yes	Yes	Yes
Network ready	Yes	Yes	Yes
TCP/IP remote control	Yes	Yes	Yes
Tube/Rack Compatibility			
24-well format tube/rack	Yes	Yes	Yes
48-well format tube/rack	Yes	Yes	Yes
96-well format tube/rack	Yes	Yes	Yes
138-well format tube/rack	No	Yes	Yes
Other Features			
No tube, no code feature	Yes	Yes	Yes
Single tube reading	Yes	Yes	No
Rack templates	Yes	Yes	Yes
Anti-frost system	Yes, Passive	Yes, Active	No
Robot gripper friendly	Yes	Yes	No
Linear rack barcode reading	Optional	Optional	Optional
Automatic code polarity recognition	Yes	Yes	Yes
Rack bottom ID (2D code) reading	Yes	Yes	Yes

* Please contact us for compatibility with other Windows versions.

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MICRONIC
INNOVATION IN SAMPLE STORAGE

SERVING SCIENTISTS SINCE 1984

INDUSTRY LEADING 5-YEAR WARRANTY ON CODE READERS

ASSEMBLY IN THE NETHERLANDS AND THE UNITED STATES

MICRONIC CODE READER RANGE

Single Tube and Whole Rack Readers

MICRONIC CODE READER RANGE

A COMPLETE RANGE FOR EVERY BUDGET

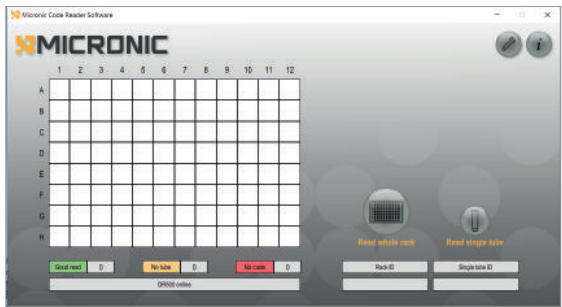
To enable fast, accurate, and efficient sample identification, Micronic offers an extensive range of code readers, including whole rack and single tube readers. The high-speed Rack Reader DR900 is a camera-based reader that reads and decodes an entire rack simultaneously in just 3 seconds. The high-end DR710 Rack Reader features deep-focus imaging technology (CCD imaging) to ensure the highest accuracy in 2D code reading. It also features an anti-frost system that allows tube codes from even frozen samples to be read. The DR710 has a scan time of approximately 7 seconds. For reading 1D rack barcodes simultaneously, the Side Barcode Reader is available. The Micronic Rack Reader DR505 is a compact benchtop solution that can read 2D codes quickly and cost-effectively within seconds. These compact readers are built for high throughput and automated systems. The DR505 features a passive anti-frost system, enabling users to read racks filled with 2D coded tubes directly from the freezer. All Micronic Rack Readers come standard with Micronic Code Reader Software to ensure optimal performance.

To identify codes from single tubes, we offer an easy to use single tube scanner. The versatile Micronic Tube Reader DT520 can read 1D barcoded and 2D Data-Matrix coded tubes within 1 second.

MICRONIC CODE READER SOFTWARE

The comprehensive Micronic Code Reader Software is fully compatible with all Micronic Rack Readers. The user friendly software is easy to use, gives reliable code readings and can be easily integrated into any laboratory sample database.

Developed on the basis of extensive user feedback, the Micronic Code Reader Software features an automatic re-read function that ensures all the codes in a rack are deciphered quickly. After a rack is scanned, each cell contains a high-quality image of the code and tube ID, as well as a ‘no tube, no code’ feature if a tube cannot be found. Additional useful features include adjustment controls for brightness, contrast and threshold to optimize tube code display. Furthermore, the Micronic Code Reader Software features an automatic code polarity recognition function, which allows users to scan white on black code surfaces and black on white code surfaces, further improving compatibility. All features in the software are included as standard at no extra cost with free upgrades and technical support.



IN-HOUSE ASSEMBLY & EXCEPTIONAL SERVICE

At Micronic, we develop and manufacture our premium labware and precision engineered equipment in-house. We are committed to offer top-of-the-line products, delivering exceptional quality, reliability and durability. Above all, we stand behind our solutions, and are confident that you will too.

Micronic Code Readers are assembled in the Netherlands and the United States. High-level service is of paramount importance at Micronic. Therefore, we have well-trained personnel on hand to provide service on equipment. These services range from annual maintenance, installation support and customization, to repairs.

Micronic warrants that its products are of satisfactory quality and conform to applicable EU legislation. If the product turns out to be defective, Micronic will arrange to repair or replace the product during the warranty period. The warranty period begins on the day the product was purchased from an authorized dealer and ends after 5 years for Micronic Reading equipment. In case of product replacement, the warranty start date remains the date of purchase of the original product. Micronic offers an industry leading warranty of 5 years, because we can!



TUBE READER DT520



Scan time is 1 second

90 x 80 x 95.4 mm

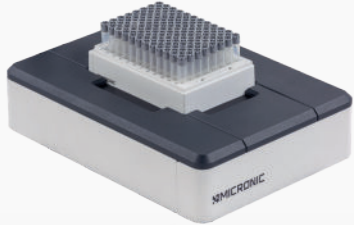
CMOS imaging technology

96, 48, 24-format compatible

1D barcode reading

2D Data-Matrix code reading

RACK READER DR505



Scan time is 5 seconds

254 x 157 x 47 mm

CIS imaging technology

96, 48, 24-format compatible

Passive Anti-frost system

Single tube reading

Optional 1D Side Barcode Reader

SIDE BARCODE READER DR500 LINE



Scan time is 1 second

230 x 132 x 35 mm

CCD imaging technology

ANSI/SLAS barcoded rack compatible

1D Side Barcode Reader

RACK READER DR710



Scan time is 7 seconds

309 x 230 x 87 mm

CCD imaging technology

138, 96, 48, 24-format compatible

Active Anti-frost system

Single tube reading

Optional 1D Side Barcode Reader

SIDE BARCODE READER DR700 LINE



Scan time is 1 second

204 x 147 x 35 mm

CCD imaging technology

ANSI/SLAS barcoded rack compatible

1D Side Barcode Reader

USER FRIENDLY SOFTWARE



RACK READER DR900



Decode time is 2 seconds

170 x 145 x 193.5 mm

CMOS imaging technology

138, 96, 48, 24-format compatible

Camera-based reader

Optional 1D Side Barcode Reader

SIDE BARCODE READER DR900 LINE



Scan time is 1 second

101 x 129 x 37 mm

CCD imaging technology

ANSI/SLAS barcoded rack compatible

1D Side Barcode Reader

HIGH SPEED CODE READING

