

SUPERIOR CODE READER FEATURES

WHOLE RACK READERS

Anti-frost system which minimizes condensation of frozen samples (passive system with DR505 and DR700 and active system with DR710)

Scan time differs per scanner and varies from 1 to 5 seconds

High resolution image quality

Single tube reading option

Scans and decodes 2D Data-Matrix codes

Small benchtop solution

Compatible with most brands of sample storage tubes and racks

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

Supplied with Micronic Code Reader Software

SINGLE TUBE READERS

Scans 2D Data-Matrix coded tubes in less than 1 second

Easy to use - no software installation

Reads 1D rack barcodes and 1D coded tubes in less than 1 second

Small footprint

Sound indication (beep) when code is read

Compatible with 96-, 48-, and 24-well rack and tube formats

Keyboard wedge functionality

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 DR500, DR505, DR700 and DR710. 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 DR710                                 | Micronic Rack Reader DR700                                 | Micronic Rack Reader DR505                                 | Micronic Rack Reader DR500                                 |
|---|--|--|--|--|
| <b>Basic Features</b><br>Imaging technology<br>Decode time<br>Scan time<br>Dimensions (mm)<br>Decoding software   | CCD<br>1 second<br>7 seconds<br>309 x 230 x 87<br>Micronic | CCD<br>1 second<br>7 seconds<br>309 x 230 x 87<br>Micronic | CIS<br>1 second<br>5 seconds<br>265 x 186 x 70<br>Micronic | CIS<br>1 second<br>5 seconds<br>265 x 186 x 70<br>Micronic |
| <b>Software Compatibility</b><br>Windows XP, 10, 8.1 and 7*<br>Connection   | Yes<br>USB x 2   | Yes<br>USB x2  | Yes<br>USB x2  | Yes<br>USB x2  |
| <b>Output Options</b><br>Output text file<br>Configure output file<br>ODBC database push<br>User account independent<br>Network ready<br>TCP/IP remote control  | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes                     | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes                     | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes                     | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>Yes                     |
| <b>Tube/Rack Compatibility</b><br>24-well format tube/rack<br>48-well format tube/rack<br>96-well format tube/rack<br>Read all 2D Data-Matrix codes   | Yes<br>Yes<br>Yes<br>Yes                                   | Yes<br>Yes<br>Yes<br>Yes                                   | Yes<br>Yes<br>Yes<br>Yes                                   | Yes<br>Yes<br>Yes<br>Yes                                   |
| <b>Other Features</b><br>No tube, no code feature<br>Single tube reading<br>Rack templates<br>Anti-frost system<br>Robot gripper friendly<br>Linear rack barcode reading<br>Automatic code polarity recognition | Yes<br>Yes<br>Yes<br>Yes, Active<br>Optional<br>Yes        | Yes<br>Yes<br>Yes<br>Yes, Passive<br>Optional<br>Yes       | Yes<br>Yes<br>Yes<br>Yes, Passive<br>Optional<br>Yes       | Yes<br>Yes<br>Yes<br>No<br>Yes<br>Optional<br>Yes          |

\* Please contact us for compatibility with other Windows versions.



BROCHURE

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 Scanners

|   |  |   |  |   |
|---|--|---|--|---|
| Архангельск (8182)63-90-72<br>Астана (7172)727-132<br>Астрахань (8512)99-46-04<br>Барнаул (3852)73-04-60<br>Белгород (4722)40-23-64<br>Брянск (4832)59-03-52<br>Владивосток (423)249-28-31<br>Волгоград (844)278-03-48<br>Вологда (8172)26-41-59<br>Воронеж (473)204-51-73<br>Екатеринбург (343)384-55-89<br>Иваново (4932)77-34-06 | Ижевск (3412)26-03-58<br>Иркутск (395)279-98-46<br>Казань (843)206-01-48<br>Калининград (4012)72-03-81<br>Калуга (4842)92-23-67<br>Кемерово (3842)65-04-62<br>Киров (8332)68-02-94<br>Краснодар (861)203-40-90<br>Красноярск (391)204-63-61<br>Курск (4712)77-13-04<br>Липецк (4742)52-20-81 | Магнитогорск (3519)55-03-13<br>Москва (495)268-04-70<br>Мурманск (8152)59-64-93<br>Набережные Челны (8552)20-53-41<br>Нижний Новгород (831)429-08-12<br>Новокузнецк (3843)20-46-81<br>Новосибирск (383)227-86-73<br>Омск (3812)21-46-40<br>Орел (4862)44-53-42<br>Оренбург (3532)37-68-04<br>Пenza (8412)22-31-16 | Пермь (342)205-81-47<br>Ростов-на-Дону (863)308-18-15<br>Рязань (4912)46-61-64<br>Самара (846)206-03-16<br>Санкт-Петербург (812)309-46-40<br>Саратов (845)249-38-78<br>Севастополь (8692)22-31-93<br>Симферополь (3652)67-13-56<br>Смоленск (4812)29-41-54<br>Сочи (862)225-72-31<br>Ставрополь (8652)20-65-13 | Сургут (3462)77-98-35<br>Тверь (4822)63-31-35<br>Томск (3822)98-41-53<br>Тула (4872)74-02-29<br>Тюмень (3452)66-21-18<br>Ульяновск (8422)24-23-59<br>Уфа (347)229-46-12<br>Хабаровск (4212)92-98-04<br>Челябинск (351)202-03-61<br>Череповец (8202)49-02-64<br>Ярославль (4852)69-52-93 |
| Киргизия (996)312-96-26-47  | Россия (495)268-04-70  | Казахстан (772)734-952-31   |  |   |

<https://micronic.nt-rt.ru/> || [moc@nt-rt.ru](mailto:moc@nt-rt.ru)

## A COMPLETE RANGE FOR EVERY BUDGET

To enable fast, accurate and efficient sample identification, Micronic offers an extensive code reader range which consists of whole rack and single tube readers. The high-end DR700 and DR710 Rack Readers feature deep focus image technology (CCD imaging technology) ensuring the highest accuracy 2D code reading, and an anti-frost system so that tube codes from even frozen samples can be read. The DR700 has a passive anti-frost system, whereas the DR710 has an active anti-frost system (ambient air is drawn into the scanner where it is cleaned of dust. Warmed dry air in the scanner prevents condensation on the scanning plate). The DR700 and DR710 have a scan time of approximately 7 seconds. To read 1D rack barcodes simultaneously, the Side Barcode Reader is available.

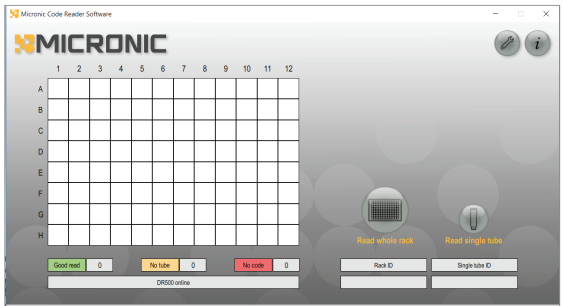
The Micronic Rack Readers DR500 and DR505 are small benchtop solutions that can read 2D codes quickly and cost effective within seconds. The compact readers are built for high throughput and automated systems. The DR505 version has a passive anti-frost system, which enables users to read racks filled with 2D coded tubes straight from the freezer. All Micronic Rack Readers are standard supplied with Micronic Code Reader Software to ensure optimal performance.

To identify codes from single tubes, we offer easy to use single tube scanners. The versatile Micronic Tube Reader DT510 can read 1D barcoded and 2D Data-Matrix coded tubes within 1 second. The Micronic Tube Reader DT300 is a portable lightweight device.

## 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 new 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 new 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!



Micronic Rack Reader DR710

Whole Rack Reader MP35232



 Scan time is 7 seconds

 309 x 230 x 87 mm

 CCD imaging technology

 96, 48, 24-format compatible

 Active Anti-frost system

 Single tube reading

 Optional 1D Side Barcode Reader

Micronic Rack Reader DR700

Whole Rack Reader MP35230



 Scan time is 7 seconds

 309 x 230 x 87 mm

 CCD imaging technology

 96, 48, 24-format compatible

 Passive Anti-frost system

 Single tube reading

 Optional 1D Side Barcode Reader

Micronic Side Barcode Reader for DR700 line

Side Barcode Reader MP35250



 Scan time is 1 second

 204 x 147 x 35 mm

 CCD imaging technology

 ANSI/SLAS barcoded rack compatible

 1D Side Barcode Reader

Micronic Rack Reader DR505

Whole Rack Reader MP35221



 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

Micronic Rack Reader DR500

Whole Rack Reader MP35220



 Scan time is 5 seconds

 254 x 157 x 47 mm

 CIS imaging technology

 96, 48, 24-format compatible

 Single tube reading

 Optional 1D Side Barcode Reader

Micronic Side Barcode Reader for DR500 line

Side Barcode Reader MP53240



 Scan time is 1 second

 230 x 132 x 35 mm

 CCD imaging technology

 ANSI/SLAS barcoded rack compatible

 1D Side Barcode Reader

Micronic Tube Reader DT510

Single Tube Reader MP55128



 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

Micronic Tube Reader DT300

Single Tube Reader MP55127



 Scan time is 1 second

 135 x 40 x 29 mm

 CIS imaging technology

 96, 48, 24-format compatible

 1D barcode reading

 2D Data-Matrix code reading

### DID YOU KNOW...

The Micronic Starter Packs are ideal for research laboratories that want to start using 2D coded tubes, or for those who are not satisfied with their current supplier and would like to try the high quality of Micronic products. Considering the amount of samples, the size of the lab and degree of automation, Micronic offers the Sample Storage Starter Packs in a range of formats: BASIC, STANDARD, ADVANCED, PREMIUM and PREMIUM+. All the Micronic Starter Packs contain 2D coded tubes with Screw or Push Caps, scanners, and manual or electric (de)capers. A Starter Pack saves up to 20%!