

# ABOUT MICRONIC

Our goal is to advance research by serving scientists in finding solutions that contribute to a higher quality of life. We develop and manufacture a range of Dutch-designed products to enhance the process of sample preservation and storage.

Micronic is an independent organization with its headquarters located in Lelystad, the Netherlands. Micronic produces and assembles its labware in certified Class 7 clean rooms which are located in the Netherlands and the United States. Our labware equipment is also assembled in-house.

Micronic products are applied worldwide in the research laboratories of university hospitals, forensics, agricultural, veterinary and governmental institutes, as well as companies in biotech, food, chemical and pharmaceutical industries.

## PRODUCTION AND QUALITY CHARACTERISTICS

ISO 9001:2015

All Micronic's businesses, located in the Netherlands and the United States, are certified for ISO 9001:2015.

ISO 14001:2015

Micronic Manufacturing, which produces the sample storage labware, is certified for ISO 14001:2015.

Class 7 Clean Room

Micronic's labware is manufactured and assembled in a certified clean room environment (US Federal Standard 209E Class 7).

FDA approved

Materials and auxiliary agents used to manufacture labware are FDA compliant. Moreover, Micronic uses solely virgin material.

Extractables

The materials used for Micronic tubes are the result of extensive research. One selection criterion is that the amount of measurable extractables leaching into samples is minimized.

RNase DNase Free

Micronic labware complies with the highest injection molding standards and is free of detectable RNase or DNase contamination.

Endotoxin (pyrogen)

Micronic is able to limit the endotoxin level of produced and packaged labware to an acceptable minimum (< 0.01 EU/ml).

CE Marking

Micronic Sample Storage tubes are classified as general laboratory products according to leading European Life Science Organizations (GAMBICA, FHI, LABMAS, Laborama, SPECTARIS).

IATA

Our products comply with the IATA requirements for the transport of diagnostics specimens (UN packing instruction 602 and 650).

Decontamination

Micronic products can be supplied gamma irradiated or ethylene oxide treated.



# OUR COMMITMENTS

**CONTINUOUS INNOVATION**  
Industry leader since 1984, Micronic serves scientists with sample storage and automation solutions. At Micronic, advancing scientific research to enhance quality of life is our corporate goal and to achieve this we make innovation and quality a priority. We engage in various innovative processes within our organization, like product development and customer focused lean manufacturing systems, in order to create new and improved products, solutions and services that provide radically better customer experiences. Our premium labware and precision engineered equipment are developed and manufactured in-house. This core competence gives us the opportunity 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.

**DURABILITY & REPRODUCIBILITY**  
Manufactured following industry leading strict tolerances, the precision and tube-to-tube consistency of Micronic labware optimizes the compatibility with automated sample handling equipment. The materials and auxiliary agents used to manufacture our sample storage labware are FDA compliant and are selected on quality and the highest purity levels. In addition to our high manufacturing and material standards, we also engage in extensive product testing. When new or improved products are developed, they undergo several tests during the process to fine-tune the product and to create the most optimal solution for specific customer applications. A wide range of tests are conducted at our laboratory testing facility, examples are: freeze-thaw cycles, protein binding tests, durability tests, evaporation/sealing tests, ultra-low temperature resistance tests, code readability tests and code scratch tests.

**ENVIRONMENTAL & SOCIAL RESPONSIBILITY**  
At Micronic, advancing scientific research to enhance the quality of life is our corporate goal and that extends to our commitment to safeguarding the natural environment for future generations. We have implemented environmental activities into our daily operations, and continuously work toward goals to increase efficiencies and reduce waste. Micronic takes further responsibility with respect to the environment by its internal environmental management system which is certified by Lloyd's Register Quality Assurance (ISO 14001). When it comes to corporate social responsibility, Micronic's approach is also progressive and proactive. In addition to our support to the society at large by annually donating to various charities, we strongly encourage engagement with the local community.



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- SERVING SCIENTISTS SINCE 1984
- CERTIFIED CLASS 7 CLEAN ROOM MANUFACTURING
- PRODUCTION IN THE NETHERLANDS AND THE UNITED STATES

# STANDARDIZE YOUR SAMPLE STORAGE

Innovative sample storage and automation solutions



## A COMPLETE INNOVATIVE SAMPLE STORAGE WORKFLOW SOLUTION

### 1. COLLECT SAMPLES

Tube Range  
with Internal  
Thread



Tube sizes: 0.50ml - 6.00ml

Tube Range  
with External  
Thread



Tube sizes: 0.30ml - 4.00ml

Tube Range  
with External  
Thread Hybrid

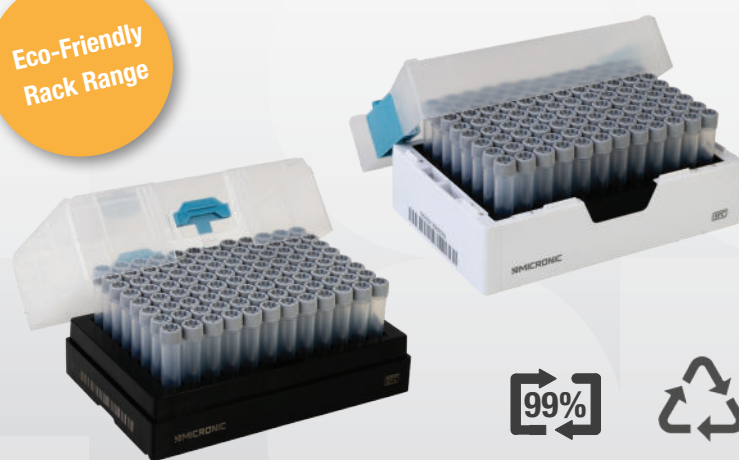


Tube sizes: 0.75ml - 6.00ml

Ultra-Low  
Temperature  
Rack Range



Eco-Friendly  
Rack Range



99%  
made of  
renewed material



### 3. SEAL TUBES

Caps for Tubes  
with Internal  
Thread



Caps for Tubes  
with External  
Thread



Push Cap  
(De)Cappers



Screw Cap  
Recappers



### 4. SCAN TUBE CODES

Single Tube  
Reader



Whole Rack  
Readers



### 5. ADD SAMPLES TO DATABASE

Sample  
Management  
Software



### 6. STORE SAMPLES

Compatibility

Micronic products are compatible with the leading automated systems for sample storage. This portfolio flyer only gives a concise overview of our entire product range. Contact Micronic to learn more about the compatibility, quality and features of our products. Our sample storage experts can explain more and help you find solutions for your specific sample storage needs. Moreover, they can get you in contact with a local expert. Micronic distributors are located worldwide and are ready to assist you further.