



ROBOMED

ONE STEP FURTHER

Autonomous Robotic Testing Lab

 Nord Robotics



The **Future** is Today

List of key points

- autonomous lab
- no manual work
- improved contactless testing
- easy installation and deployment
- easily upgradable
- results on a click of the button



What is autonomous lab

Changing the way testing is done

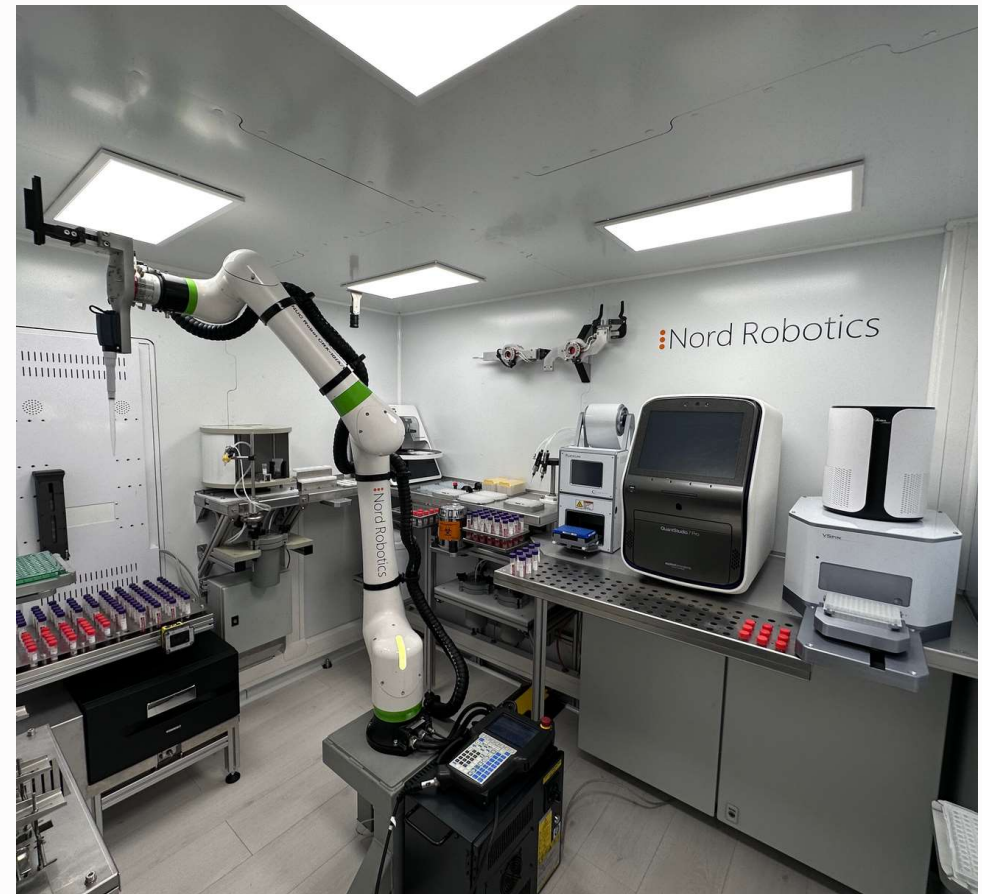
A self-serving medical implement created by Nord Robotics is a station where robot performs all laboratory work without human intervention.

Where to use it

Endless possibilities

The laboratory can be adapted to test many viruses, which are suitable for PCR testing.

Because of mobility and easy installation, this laboratory can be easily transported and turned on in the areas like airports, hospitals, educational institutions, etc.



The Equipment inside



1. Robot

To carry all the tasks.



2. Testing equipment

To get the results form the samples.



3. Computers

To proceed data and send the results.

The Process



Liquid handling

The liquids is handled by electronic pipette. Video [here](#).



Plate handling

Robotic plate handling is done by robot with special gripper. Video [here](#).



Robotic tool changing

The robot has special tool changing head, that makes the tool changing process fast and simple. Video [here](#).



Full demo process

Video [here](#).

Mobility

Take it wherever you need

Easily transportable plug and start laboratory, that can be installed in any place needed.



Our Partners

Building medical knowledge together

Autonomous ROBOTIC Testing Lab equipment distinguishes itself by exceptional high quality ensured by our reliable partners.

The logo for FANUC, consisting of the word "FANUC" in a bold, red, sans-serif font.The logo for ThermoFisher Scientific, with "ThermoFisher" in red and "SCIENTIFIC" in black, both in a sans-serif font.The logo for SIEMENS, consisting of the word "SIEMENS" in a teal, sans-serif font.The logo for SMC, featuring a blue circular icon with three white curved lines to the left of the word "SMC" in a bold, blue, sans-serif font.The logo for KOSMEK EUROPE, with a red and black icon to the left of the word "KOSMEK" in red and "EUROPE" in black, both in a sans-serif font.The logo for Nordson, featuring a blue curved line above the word "Nordson" in a blue, sans-serif font.

The exhibition MEDICA 2023

Our first demo version of Robomed was presented at the exhibition MEDICA 2022. That was a great experience and inspiration to move on and make new concept of autonomous lab.



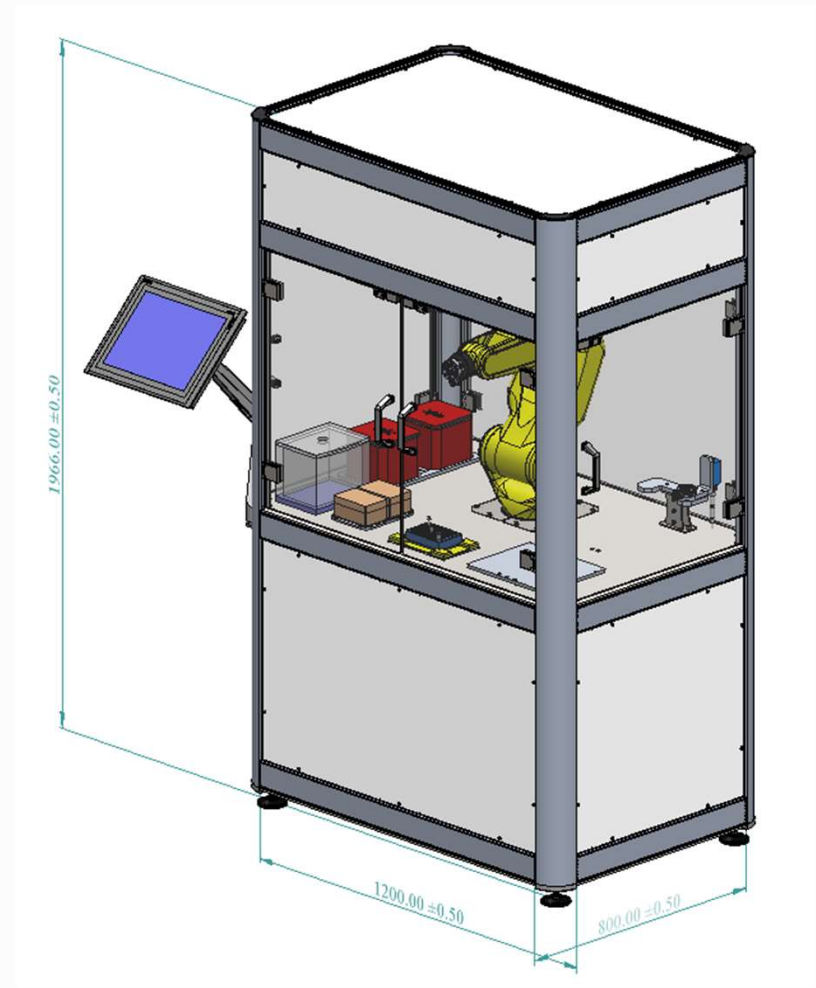
The **new** concept

of ROBOMEDA

- **SMALLER**
- **FASTER**
- **MULTIFUNCTIONAL**

Our goal is to create an easy-to-manage, easy-to-use automated, multifunctional diagnostic robotic laboratory.

The laboratory would be able to perform various repetitive laboratory tasks autonomously, without (or with very minimal) human intervention.



About Nord Robotics

Who are we

Nord Robotics Ltd. was founded in 2017 by robotics enthusiasts. We are the company that develops advanced and innovative robotic solutions to different industries. In order to improve, it was decided to implement the robots to medical sector as well. We strive to provide exceptional service and products to all our clients.

Nord Robotics is ready to analyze your robotic system needs and provide the best automation offer.



Let's talk about
Testing Lab
possibilities
for your needs:

info@nordrobotics.com
m
+370 63 200 700
www.nordrobotics.com

