



ROBOMED+

ONE STEP FURTHER

Autonomous **Robotic** Testing Lab



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

Self-serving medical station made by Nord Robotics, where a robot is doing all the laboratory duties serving equipment, 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 from 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.

FANUC

ThermoFisher
SCIENTIFIC

SIEMENS

 **SMC**[®]

 **KOSMEK**
EUROPE

 **Nordson**

The exhibition **MEDICA 2022**

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.



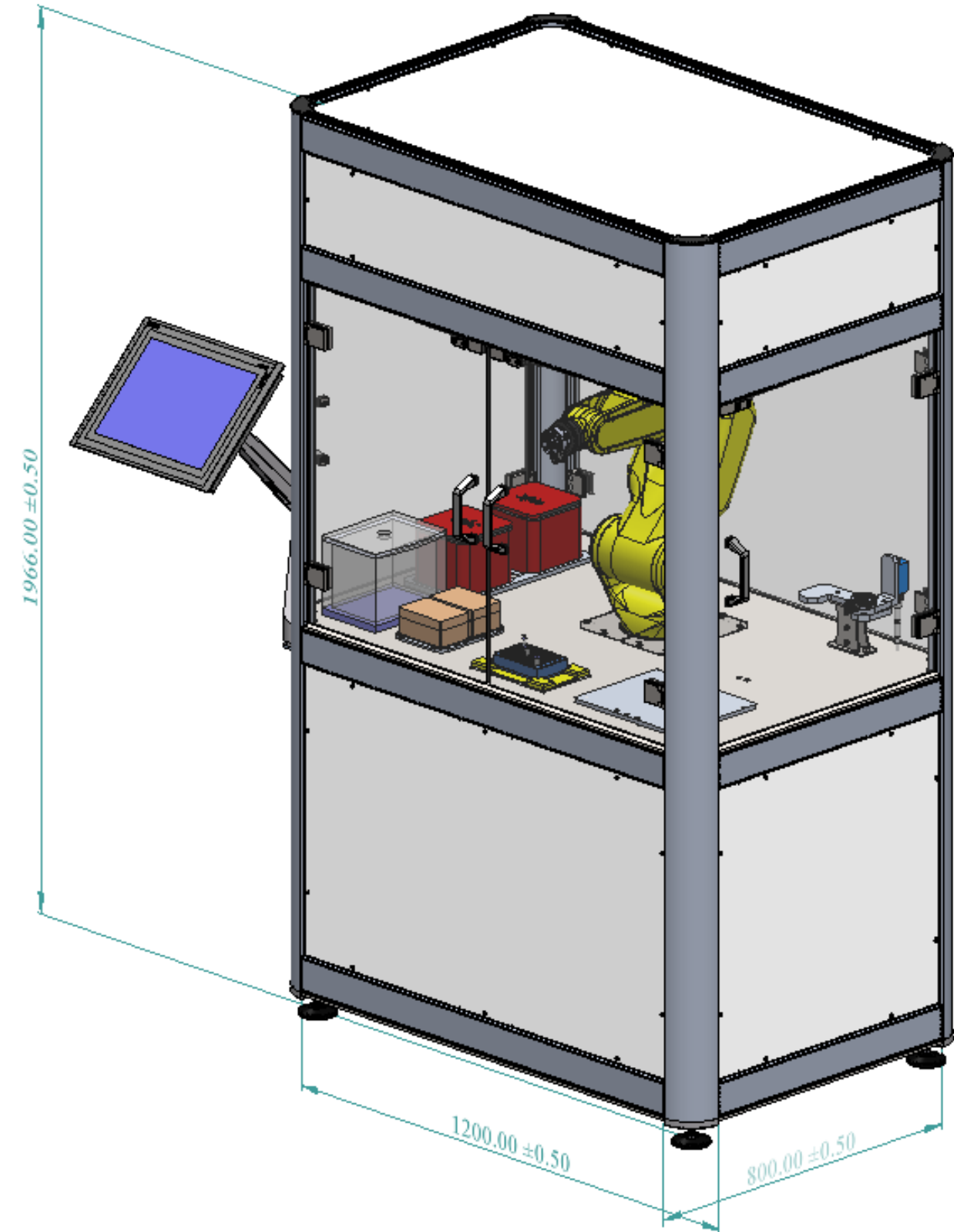
The **new** concept

of ROBOMED

- **SMALLER**
- **FASTER**
- **MULTIFUNCIONAL**

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 autonomous lab possibilities for your needs



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