



# Opentrons System

The future is already here!

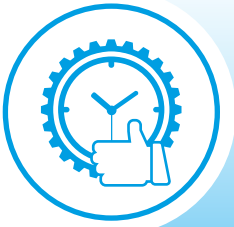


opentrons

 vitro  
master diagnóstica®



## - PROGRESS -



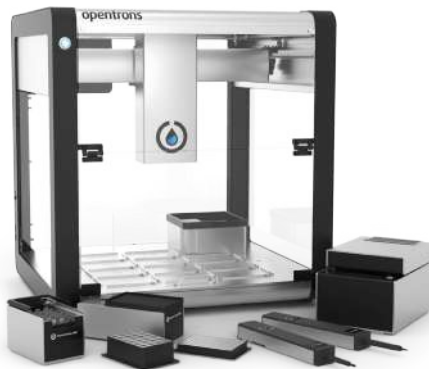
### EFFICIENCY

- Complete automation from primary tube to extraction.
- Totally adapted to the customer's needs.
- Designed for all laboratories, whether there is a large or small volume of samples.
- Affordable.
- Automatic interpretation of results.



### FLEXIBILITY

- Adapted to all types of primary tubes.
- Protocols for 24, 48 and 96 samples.
- Configured for pooling.
- Possibility to use in the most common thermocyclers: QuantStudio 3, QuantStudio 5, CFX96 and VtiroCycler.
- Use with the extraction kit MAD-003955M (Vitro, S.A) as well as with other commercial extraction kits.
- Connection to any LIS/GIS in the laboratory.



## OPENTRONS SYSTEM

Designed to meet the needs of the laboratory

## - MODULAR OPTIONS -

Different configurations to meet laboratory needs of today and the future

### Opentrons + Thermocycler



- Sample preparation Robot
- Extraction Robot
- Thermocycler

### Opentrons Pooling



- Spelling-Robot
- Extraction Robot
- Thermocycler

## Opentrons Pooling-2



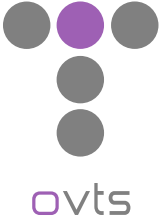
- Pooling preparation Robot
- Extraction with any other system, for instance: Maelstrom
- Thermocycler

## Opentrons + HybriSpot



- Sample preparation Robot
- Extraction Robot
- HybriSpot 12 PCR auto or HybriSpot 24

## - TRACEABILITY (OVTS) -



It permits knowing where the sample is at any moment. The fundamental objective of the OVTS system is to ensure quality of all laboratory processes, to:

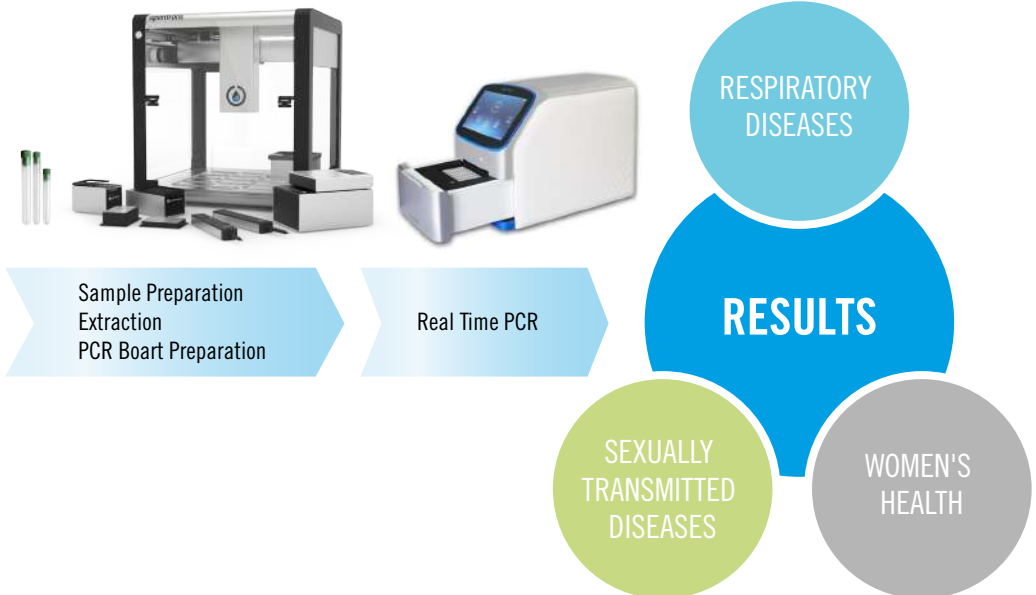
- Increase traceability.
- Improve the security of the result.
- Optimize time to result.
- Reduce cost.

In summary, to improve the management and efficiency of the laboratory.

OVTS is the traceability module for the identification, tracking, control and automatic interpretation of sample results throughout the entire process of the laboratory workflow, allowing for the customized definition and identification of the different steps in each of them.

In this way, OVTS is a system that can be adapted to the specific characteristics of each laboratory.

## - WORKFLOW -





[www.vitro.bio](http://www.vitro.bio)

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