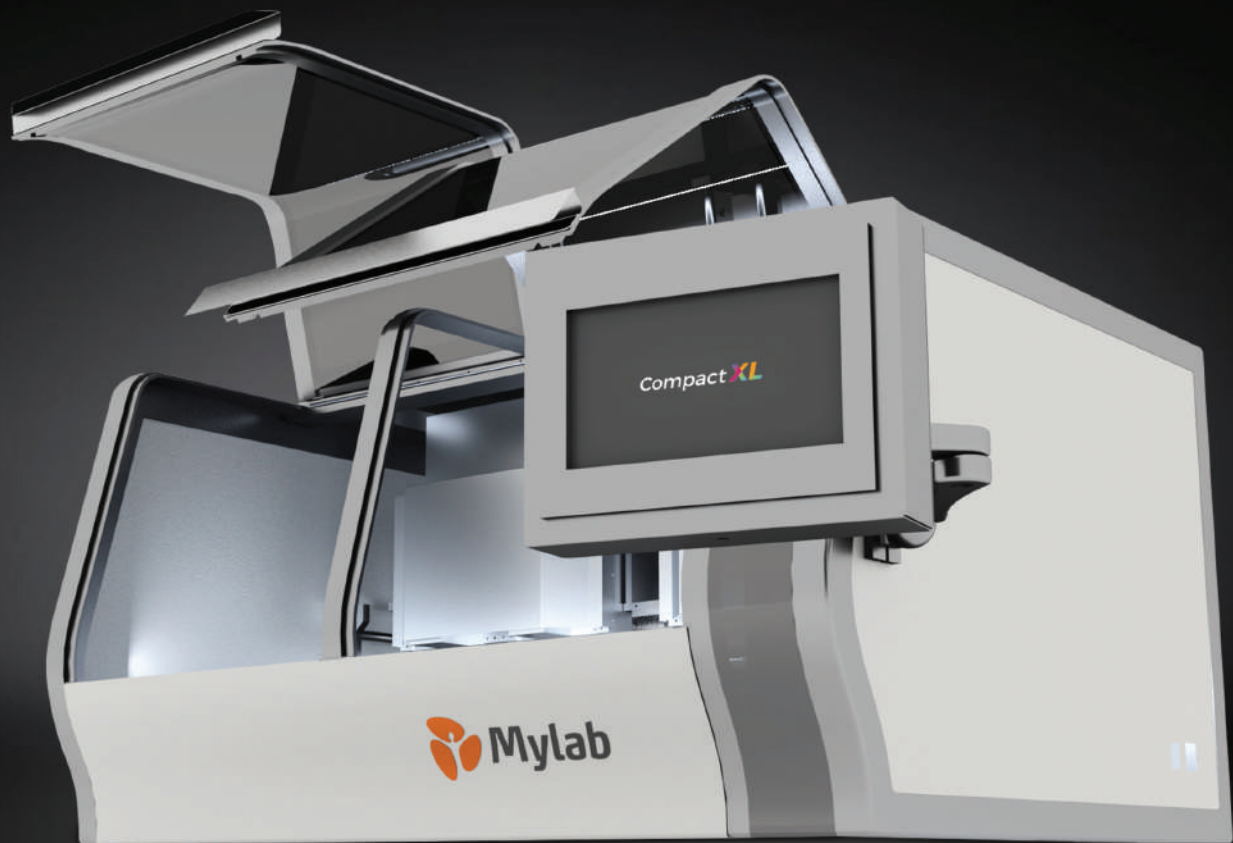


Compact^{XL}

Automation for Covid19
& all molecular test





Compact **XL**

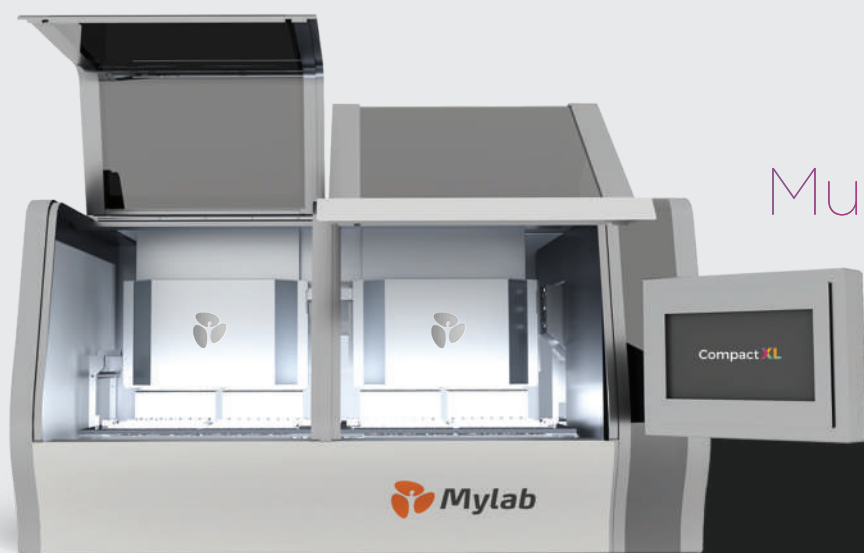
mylabdiscoverysolutions.com



Meet the new generation Molecular Laboratory All rooms in One Machine





The Compact xL is a sample-to-PCR ready system, that eliminates the huge infrastructure & capital requirement of molecular lab; the machine is designed to automate all operations from sample handing to PCR tube preparation. Flexibility to test multiple parameter with multiple samples at the same time - something that was never available before.

Thirty two separate channels allow flexibility you need, with a dual deck facility. Automated barcode reading, auto-fed protocol, self sanitization and LIMS connectivity defines Compact xL, as a complete walk-away system.



Multiple Application One Platform

Sample types

-  Plasma, Serum
-  Tissue
-  Sputum
-  Swab

Specimen type for Covid samples

- Respiratory Specimens:
- A. Lower respiratory tract
 - *Bronchoalveolar lavage, tracheal aspirate*
 - B. Upper respiratory tract
 - *Nasopharyngeal swab AND oropharyngeal swab*
 - *Oropharyngeal swab (e.g., throat swab)*
 - *Nasopharyngeal aspirate or nasal aspirate*
 - C. Serum
 - D. Tissue



Features

Fully Automated Sample-to-PCR Ready Instrument

- Automated extraction of the samples
- Automated set up of PCR ready tube

Parallel Processing

- Multiple sample types
- Multiple parameters can be testing on the same platform

Ease of Use

- One cartridge - One Test
- No pipetting, no manual handling
- LIMS connectivity
- Compact footprint of the machine

Result Integrity

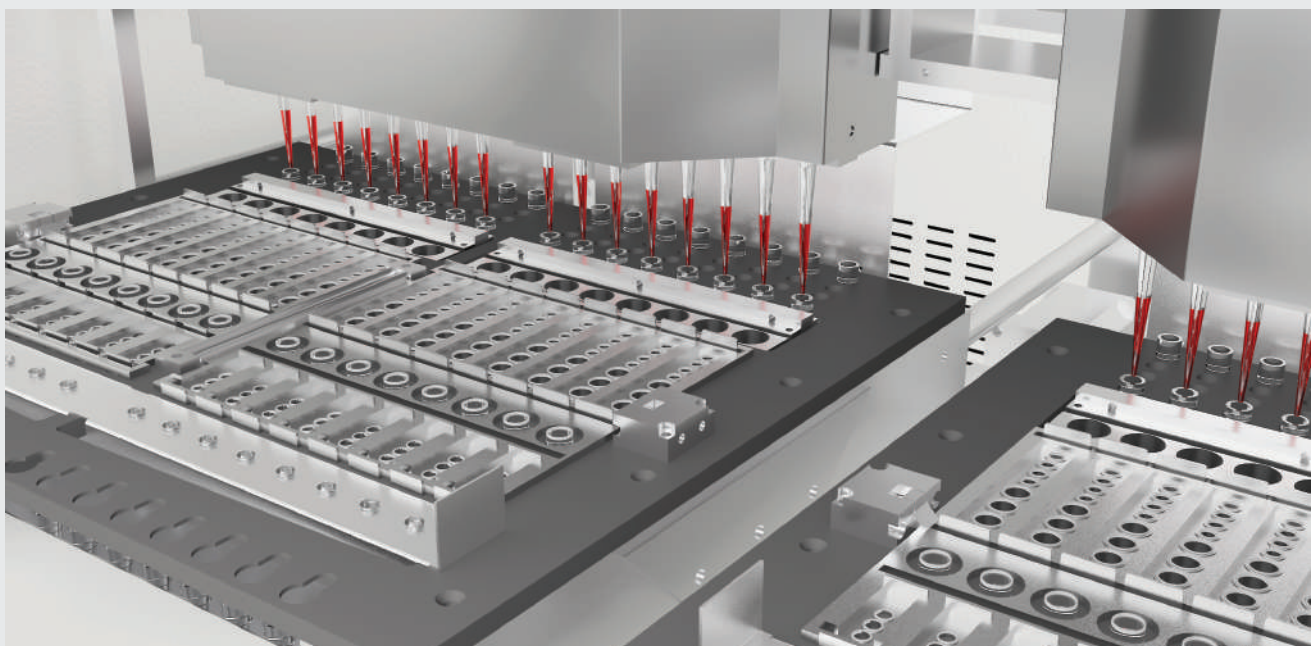
- Simple operations not requiring high end technical expertise to run the system
- Simple operation – software driven workflow require very little training and very low maintenance of the system

Scale-up Capability

- Multiple systems can be networked together to achieve throughput of 50 to 1000 + samples per day, without any hassle.
- Uses the proprietary Mylab sample processing reagents, yielding high quality results

Robust Contamination Control

- Dedicated Lane for each Sample, for prevention of cross contamination between lanes
- Secured and automated cartridge opening
- UV light decontamination
- Enclosed system for contamination free sample processing

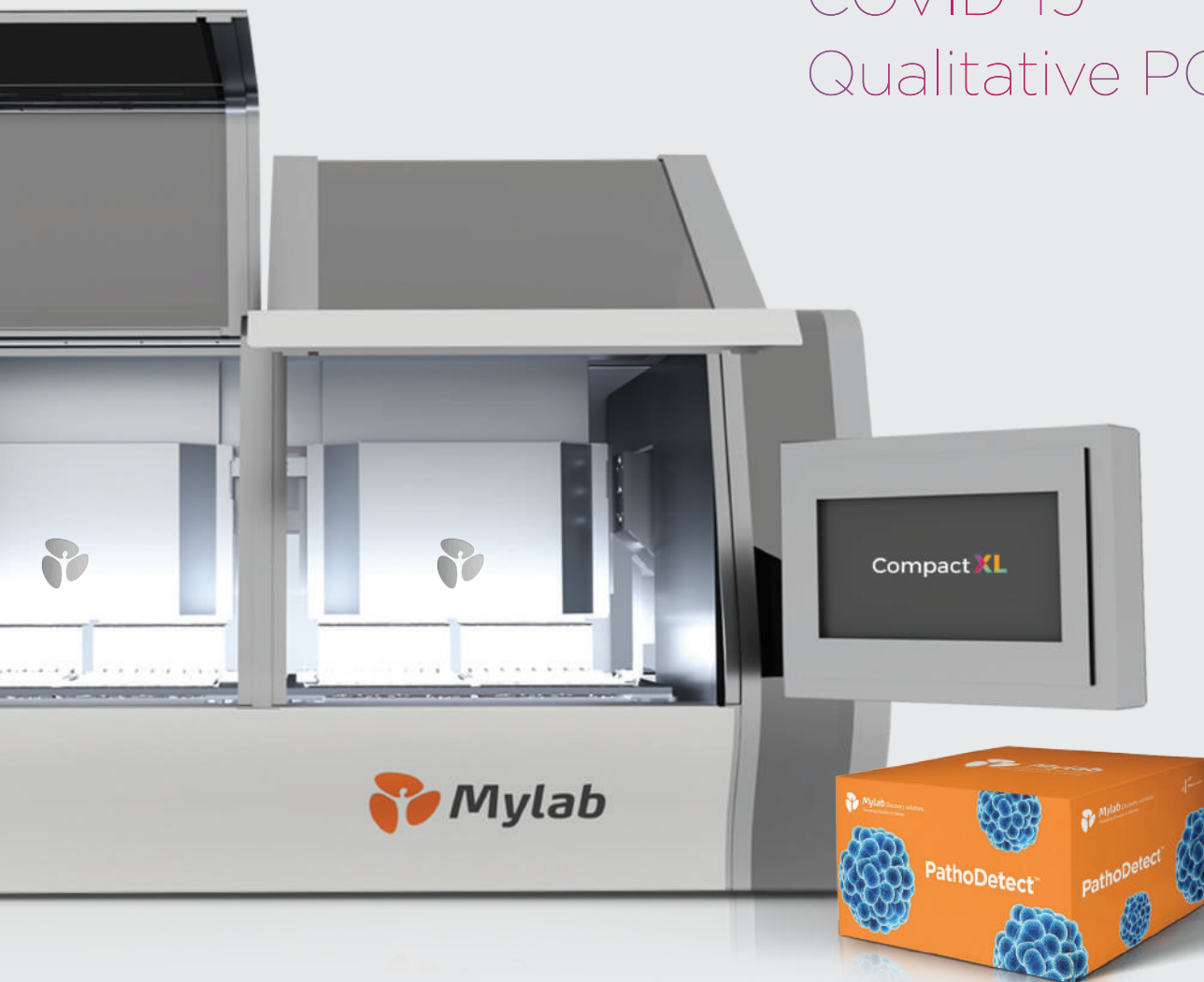




PathoDetect™

COVID-19

Qualitative PCR kit



Mylab Discovery Solutions PathoDetect™ COVID-19 qualitative PCR kit is an in vitro RTPCR test for the in vitro qualitative detection and discrimination of 2019-Novel Coronavirus (2019-nCoV) in respiratory specimens and sera. The 2019-nCoV primer and probe sets are designed for the universal detection of SARS like corona viruses and for specific detection of 2019-nCoV, The kit is designed for screening and/or detection with E gene as a first line of screening, RdRP/ORF/N genes as confirmatory genes specific for 2019-nCoV.

The assay also includes Positive controls Housekeeping Endogenous Internal Control to identify possible PCR inhibition and to confirm the integrity of the sample processing and reagents of the kit.

PathoDetect™ COVID-19 qualitative PCR kit is compatible with Compact XL which can provide the ease of use with definitive and accurate answers with minimal hands on time.



Kit Features

Multiple Machine Flexibility: Open Kit validated on multiple RTPCR equipments also reducing lab Capex and facility upgradation. 1 tube protocol for three or three plus filter machine and 2 tube protocol for two or two plus filter machines.

High Throughput: 32 to 400 samples per machine, mass scaling possible with Mylab.

Absolute Confidence: Multiple markers for COVID-19 with Internal Control in multiplex format - Increased confidence on confirmation and reduced repeat testing

Fast & Error Free: 2-3 times less manual steps saving time and eliminating manual errors.

True Reporting: Housekeeping Internal control Included assuring No false negative reporting, to assess sample quality, Transport, Storage, RNA extraction and RT-PCR reaction.

Complete Solution: Complete solution with Extraction kit (optional) along with the RTPCR kit by Mylab

Simple to use





Simple Intuitive Design

The Compact xL is a fully automated flexible, simple, and easy to use cartridge-based sample-to-PCR ready solution enabling laboratories to perform multiple samples according to their requirements, providing the needed flexibility.

Compact xL brings revolutionary approach in:

Space: Converting 700 sq ft area to 4x3 box

Manpower: Reducing the need of 3-4 experts to almost none

Cost: Considerably reducing the operational cost

Operations: Automated system reducing reagent wastage and manual errors

Maintenance: Compact xL is a hassle and maintenance free system

Machine Specifications

Physical Dimensions Console

h: 70 cm / 27.5 inch
w: 130 cm / 51 inch
d: 77 cm / 30.3 inch
Weight: 275 kg / 600 lb

Sample Per Run

1 to 32 samples

Application

Sample to PCR Ready

Instrument type

Standalone system

Power Requirement Console

Power input: 1500W
Rated Frequency : 50 Hz
Rated current: 7.1 A
Rated voltage: AC180-240V $\pm 5\%$

Sample Volume Range

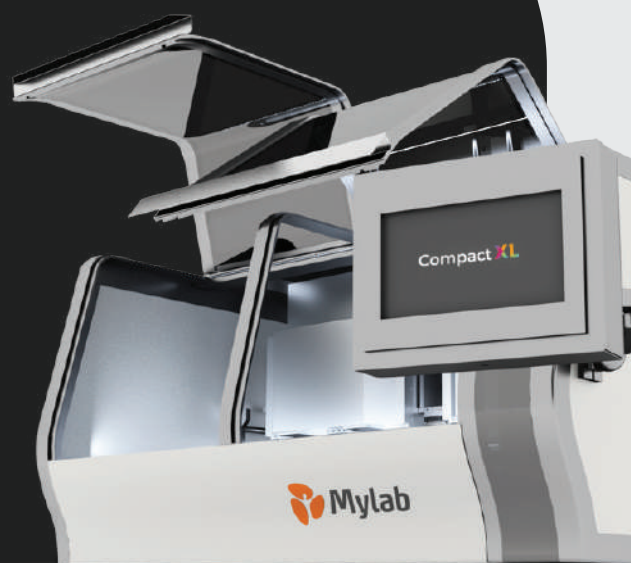
30 ul to 1 ml

Decontamination

Inbuilt UV lamps for self sanitization

Sample processing

Simultaneously can run 96 samples at the same time in network



Ordering Information

Instrument:
Compact xL
Part number:
CXLI01

Kit Product Description

PathoDetect™ COVID-19 Qualitative PCR kit
PathoDetect™ COVID-19 Qualitative PCR kit

Catalog No.

PCOV550
PCOV5100



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Discovery solutions
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AgroDex **PathoDetect** **DiscoverSeries** **OncoScreen** **NATSpert** **VetScreen**