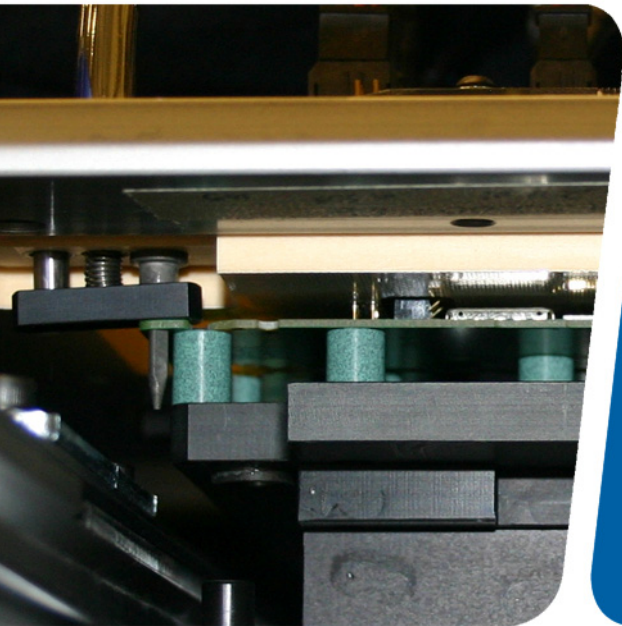


Cencorp ML4



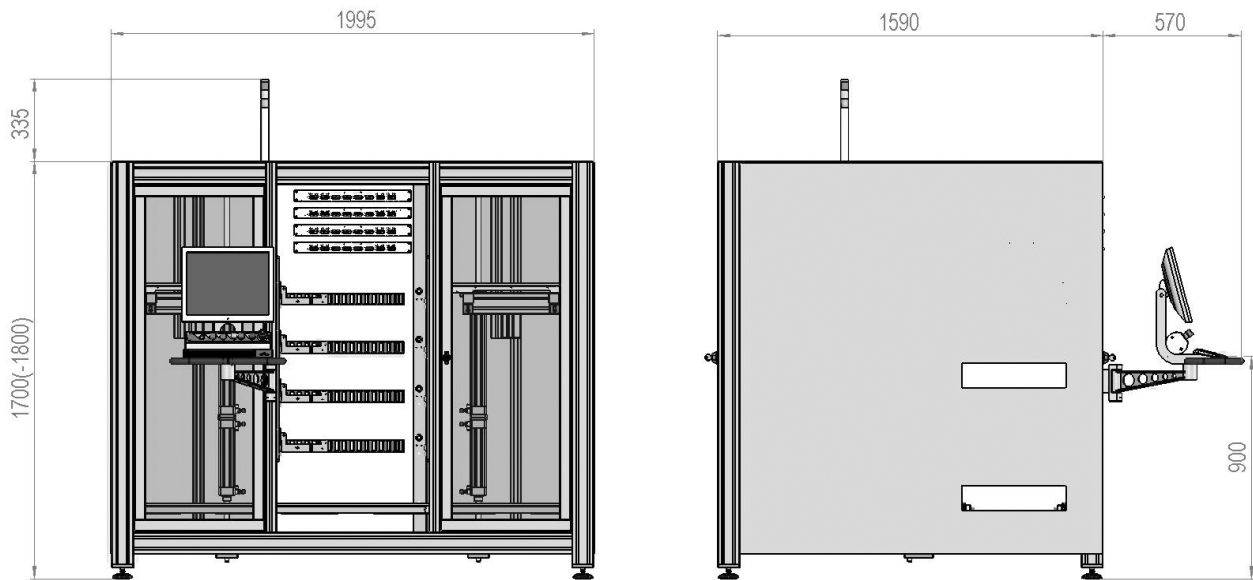
Your first step towards volume testing

Like machine name states, this version of the MLT can be equipped with 4 test boxes. It is a perfect match for solutions that do not require that high capacity than MLT 2000 provides with 8 individual test stations. Due to the lower amount of test boxes, both lifters (input and output) are equipped with single level conveyors.

MLT 4 is a perfect match for the processes, where test times are somewhat shorter and thus 4 parallel test stations provide enough capacity.

Both MLT 2000 and MLT 4 shares the same test box structure and thus they are compatible. In fact we would like to call them as test platforms. This means that you can start up your production with MLT 4 and in case the capacity demand is doubled, there is no need to increase the line length of the machine. Simply replace MLT 2000 with MLT 4, add 4 more test boxes and you have doubled your capacity within the same footprint.

Technical data ML4



Base Standards

Multiple test PC control: Switch Unit

Graphical User Interface

Operating system: Windows XP
USB memory: Standard
Touch screen: Optional
Ethernet card: Standard
Dual Monitors: Optional

Board Handling

Min. PCB size: 60 x 70 mm
Max: PCB size: 290 x 500 mm
Width easy to adjust
Thickness: 0.6 – 4.0 mm
PCB transfer time: <1.5 s
Transfer protocol: SMEMA
Transfer height: 900±30 mm
Bottom clearance: 30 mm
Top clearance: 70 mm
Edge clearance: 3 mm

Palette Handling

Max. Palette size: 400 x 500 mm
Easy adjustable width: 60 – 400 mm

Machine Control

PLC: OMRON
Servo: OMRON
Lifter speed: 300 mm/s

Machine Dimensions

Width: 1995 mm
Depth: 1590 mm
Height: 1700 mm
Weight: 600 kg

Electrical Service Requirements

Voltage EU (USA): 230 (110)
VAC 10%
Frequency EU (USA): 50 (60) Hz
Branch circuit size: 16 A
Average power cons.: 600 VA
(Depending e.g. on test)

Pneumatic service requirements

Pressure: 5 -7 bar±10%, Dry clean air
Approx. air consumption: 100 l/min

Environmental Requirements

Operating temperature: 10...40 °C
Operating humidity: 30...85 %

Test Fixture Box

Width: 656 mm
Depth: 200 mm
Height: 850-1250 mm
Weight: 42kg

Fixture specification

Connection to tester: ODU/MAC
Conveyor speed: 20 m/min
Connection module: Changeable
Fixture control: PLC
Handshaking: Device Net

Options

Barcode support: 1D or 2D