

Cencorp XPRS One Test handler

Efficiency and flexibility for testing with Cencorp Single level test handler

The Cencorp XPRS ONE Test Handler is the best choice for low cost automated testing. This standard platform can be used for functional testing, software downloading, boundary scan tests, RF measurements and different electrical measurements. Capacity can easily be increased due to the pass through feature of the conveyor during the test process. Up to six machines can be placed inline with parallel testing to completely removing testing bottlenecks.

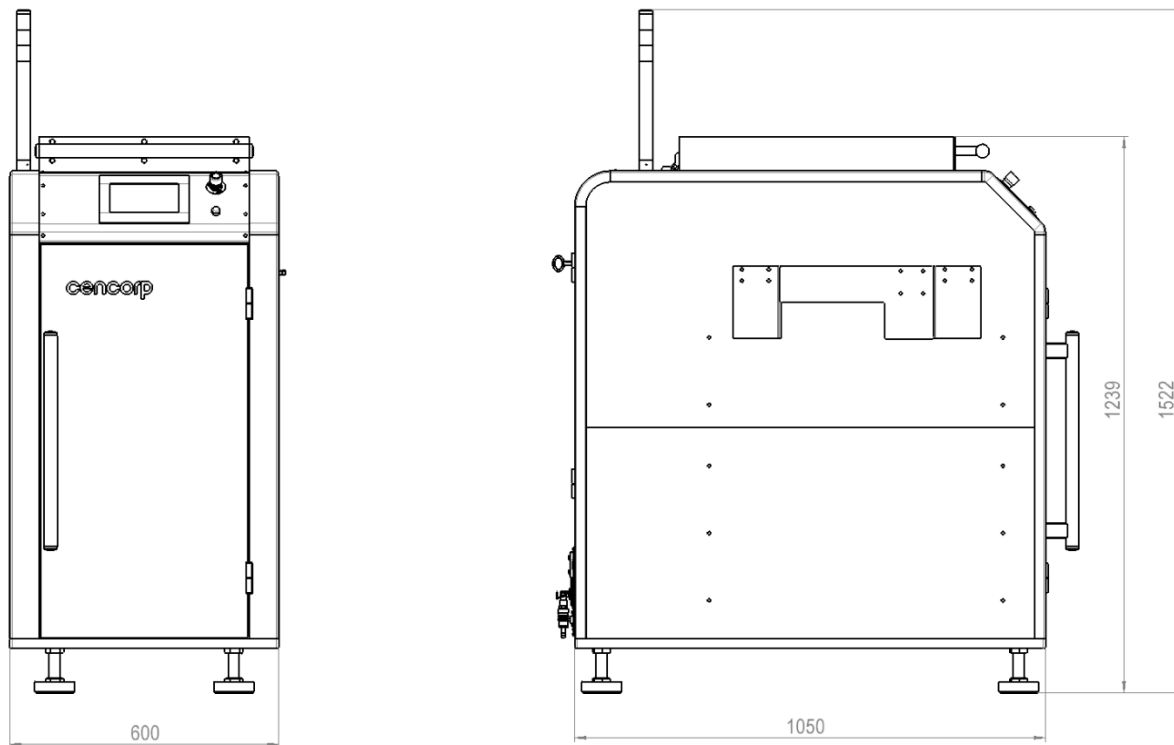
The XPRS ONE test handler is a perfect solution for PCB panel testing. We support panel sizes are from 30 mm to 400 mm (depth) and 50 mm to 400 mm (width). The machine is also supporting *Carrier Frame Technology* which brings new opportunities for testing. One piece flow with single test at a time can be changed to multi execution testing with parallel handling. Carrier Frames are cycled from beginning to the end of the testing process. With special return conveyor Carrier Frames are cycled back to the beginning of the testing process for next products to be tested. Carrier Frames can be equipped with RFID tags to enable multiple different products under test in one production testing line.



Cencorp has over 30 years of test handling experience built into our standard platforms. The graphical user interface makes the system easy to use for the operators.

Cencorp XPRS One

Technical Data



General

Beckhoff Panel PC (touch screen) with Cencorp User Interface
 Operating system: Windows
 Network connection: Optional
 PWB Panel handling with edge belt conveyor
 Carrier frame handling with edge belt conveyor. Return line conveyor as option.
 Bypass conveyor for multiple XPRS ONE machines connected for high volume lines
 Test fixtures from top, bottom or both sides possible

Dimensions

Width: 600mm
 Depth: 1125mm
 Height: 1522mm including beacon
 Weight: 325kg

Board handling

Min PCB size: 60 x 70 mm
 Max PCB size: 400 x 400 mm
 PCB Thickness: 0,6 – 4,0 mm
 Bottom clearance: 30 mm
 Top clearance: 70 mm
 Edge clearance: 3 mm
 SMEMA Transfer protocol
 Conveyor width is easy to adjust

Palette handling

Max palette size: 400 x 400 mm
 Barcode or RFID identification optional

Test adapter

Width: 490 mm
 Length: 400 – 550 mm
 Max Pin load: 100 kg
 Genrad type connection to test fixture

Software Options

Cell Statistics
 Traceability
 Automatic program change
 Offline or Online test data collection

Electrical Service Requirements

Voltage (EU/USA): 240/100 VAC 10%
 Frequency (EU/USA): 1 phase 50/60 Hz
 Branch circuit size: 10 A
 Average power cons.: 1,5 kVA

Pneumatics Service Requirements

Pressure: 5-7 bar $\pm$ 10%, dry clean air
 Approx. air consumption: 60 l/min
 Environmental Requirements
 Operating temperature: 10 - 40 °C
 Operating humidity (RH): 30% - 85%