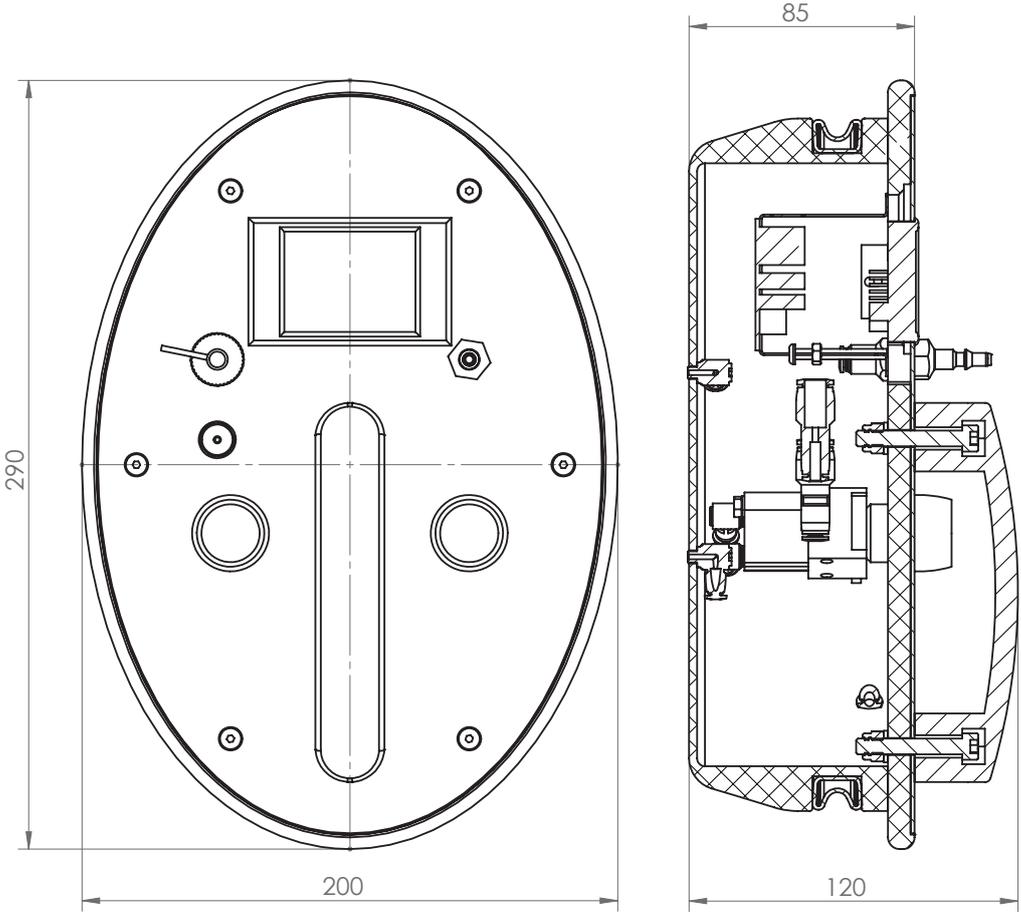


Glove Tester

Device for glove integrity testing.



Dimensions Glove Tester



Glove Tester

Dimensions in mm

Width	200
Height	290
Depth	120

Standards

The tester is used to test the leak tightness of gloves in oval flanges. This testing is specifically performed for isolators and microbiological boxes. The principle of the leak tightness test consists of testing the pneumatic tightness of gloves: pressurizing them at a set value, reading the pressure loss and evaluating the difference.

- The mechanical glove tester consists of a base with an inflatable seal along its perimeter, an output for compressed air into the sleeve and an input for the digital pressure sensor. There is also a flange with two buttons for pressurising and deflating the seal and glove.
- The tightness is tested using a pressure indicator which indicates sufficient pressure in the seal.
- The pressure in the sleeve and any leaks are measured with the digital pressure sensor in a range of 0-4000 Pa.
- On the face of the tester there is an ergonomic, antibacterial handle and a quick coupler for a compressed air supply by hose either directly from the output of the isolator or an external source.
- This tester is a technically simple, straightforward, ergonomically sophisticated and cost effective piece of equipment operated solely with the use of compressed air.
- The shape of the tester corresponds to the basic dimensions of the sleeve flange and is designed to allow convenient insertion into the tested equipment without damaging the tested glove on sharp edges. The tester flange has a larger diameter and is used as a plug.
- The tester is designed to meet ergonomic requirements.
- Operation Readiness:
For operation of the equipment the following must be ensured pressurised air and electric power supply



Standards

USB connector ①

Display ②

Inflatable seal indicator ③

Pressurized air Inlet ④

Pressure glove inlet/outlet ⑤

Inflatable seal ⑥

Inflatable seal inlet/outlet ⑦

Handle ⑧



Display

The tester measures a drop in pressure over time. If the pressure drops over the assigned limit an alarm is displayed. A recording of the displayed values must be performed manually as a part of prepared protocol.

