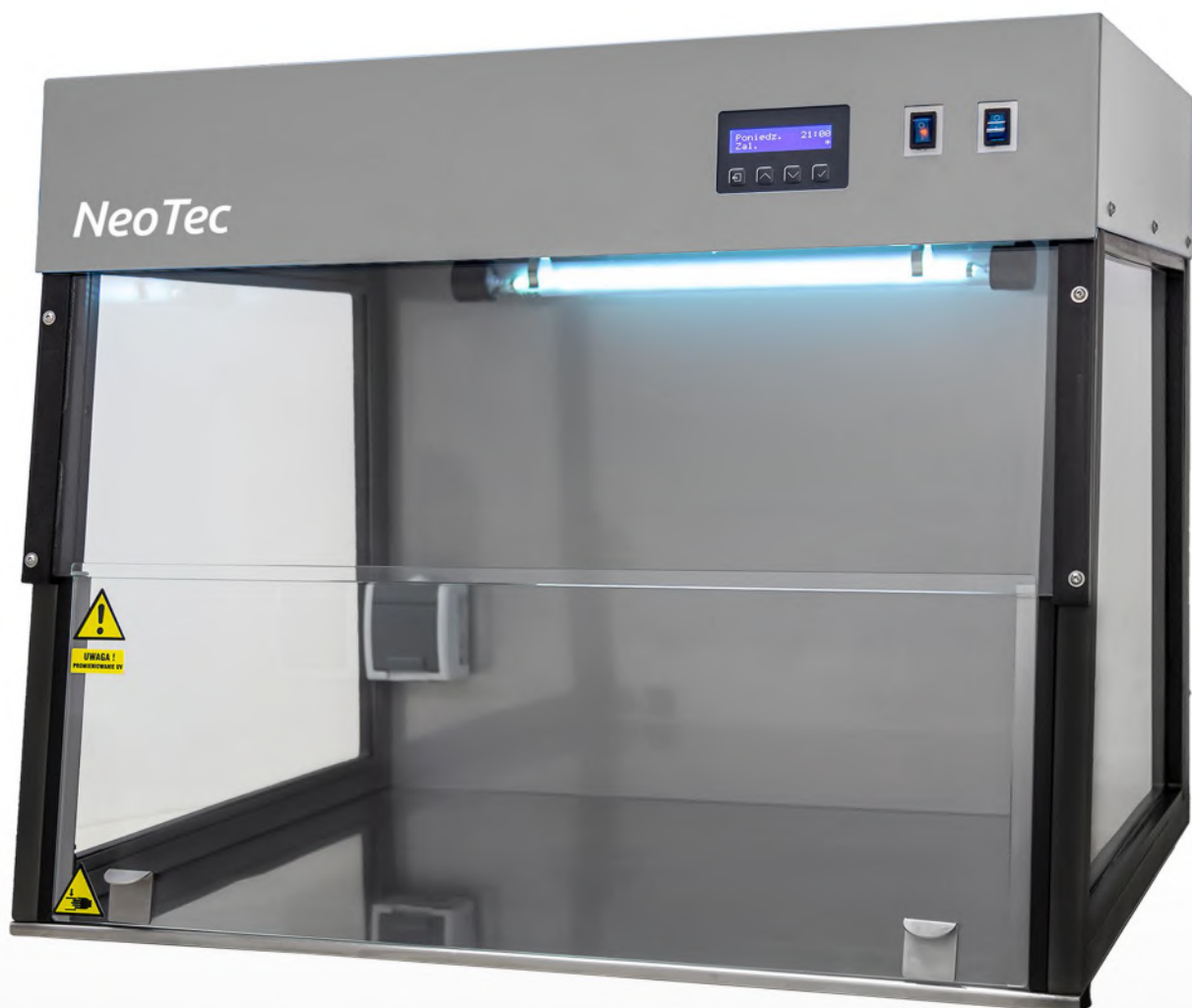




BIOTECTUM

# NEOTEC PCR CABINETS

We design and develop modern laboratory solutions with an ergonomic design using the latest technologies and trends.



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# Technical Details

## Basic dimensions

### NEOTEC 1200 UV-PCR - PCR CHAMBER

- Dimensions of the working surface: D 500 x W 1200 X h 450 [mm]
- External dimensions (max) W 1250 x D 600 x H 600 [mm]
- Stock number 975-0012-0020

### NEOTEC 650 UV-PCR - PCR CHAMBER

- Dimensions of the working surface: D 480 x W 650 x H 450 [mm]
- External dimensions (max): W 690 x D 540 x H 560 [mm]
- Stock number 975-0007-0020

## Type of device - PCR cabinet

Construction type - the device is equipped with two UV-C lamps, one in the direct action system and the other in the so-called flow.(flow chamber)

The UV-C lamp of direct action sterilizes the working space before inserting the material for testing, and the task of the UV-C flow lamp is to continuously sterilize the interior of the chamber during operation.

The PCR cabinet can be used to work with samples that require clean working conditions with organic chemicals, acids DNA and RNA nucleic acids.

Table top version.

Marking - CE

## General description

- Side walls and front window made of 4 [mm] thick glass
- The upper part of the front window made of NNKT glass, 8 [mm] thick.
- Transparency of the walls not less than 95[%].
- Level of protection against ultraviolet radiation [96%].
- Worktop and rear wall made of stainless steel.
- The PCR cabinet is equipped with a source of ultraviolet radiation with a wavelength of 253.7 [nm] and a lifespan of at least 9000 hours.
- Timer 1 [min] - 24 hours. or continuous operation.
- The chamber is equipped with an automatic UV light switch when opened.
- Chamber equipped with an air filtering module during operation, ensuring a minimum of 100 full air changes per hour of operation.
- Built-in UV air recirculatory with efficiency - 99 [%] per hour.
- Built-in 25 [W] white light lamp.
- Built-in 1 electric socket (Neotec 650)/ 3 electric sockets (NeoTec 1200) 230 [V] power supply in the working area, maximum load 1000 [W].
- Power consumption during operation up to 67 [W] (NeoTec 650) / 135 [W] (Neotec 1200).
- Main power supply 230 [V], 50 [Hz].
- PCR cabinet net weight approx. 29 [kg] (NeoTec 650) / approx. 60 [kg] (NeoTec 1200)