



PCR WORK STATION

for protecting products

GENERAL DESCRIPTION

The KOJAIR PCR work station is a clean solution for PCR work. It is built for handling of non-hazardous substances and other products which require a clean, particle-free environment. The cabinet takes up little room, is easy to move and can be mounted on a table, with no need for its own work top.

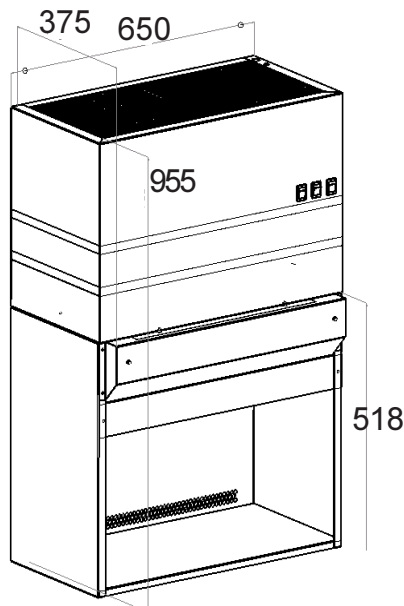
TECHNICAL INFORMATION

Ergonomics

In the design of the cabinet, a great deal of attention was paid to ergonomics, ease of operation and creating smooth, easily cleaned surfaces.

Lights

The cabinet is equipped with a built-in working light and UV-lamp for RNA/DNA decontamination. The UV light (254 nm, 15W) deactivates all RNA/DNA molecules in a few minutes ensuring safe results together with a clean air flow. The light intensity in the working area is 800 lux.



Material

The walls of the working area are made of easily-cleaned stainless steel, and the other components of white Fe painted steel.

Other parts are made of white, stove-enamelled steel, while the front panel is made of polycarbonate.

Cleanliness

The velocity of the air flow in the working chamber is 0,4 - 0,45 m/s. The rpm setting of the fan can be adjusted as the HEPA-filters fill up.

The cleanliness of the working area fulfils the requirements of standard ISO 5. The prefilter is of class EU-3 and the HEPA filter of class EU-14. The filtering efficiency is 99,995%, measured according to MPPS.

POWER	LIGHTING	UV-LIGHTING	HEPA-filter	PREFILTER	AIR VOLUME	WORKING AREA, mm	WEIGHT
W max.	W	W	size mm		m3/h	width x depth x height	kg
110	15	15, 254 nm	305 x 610	275 x 590	250	650 x 320 x 535	20