



VCS100CR

Revolutionary mobile decontamination unit

Cleamix VSC-100Cr is a mobile decontamination unit designed for demanding hydrogen peroxide bio-decontamination processes. VCS-100Cr is capable of mastering numerous additional units. VCS-100Cr external addition units can be connected with VCS-100Cr for a bigger volume or decontamination of larger spaces.

Cleamix VSC-100Cr uses 50% aqueous hydrogen peroxide solution for generating hydrogen peroxide vapour capable of destroying even the most resistant microorganisms, like bacterial spores at room temperatures and low concentrations.

PHYSICAL DATA

DIMENSIONS

557 x 420 x 220 mm
(L x W x H)

WEIGHT

9,5 kg

PORTS

WAN x1
LAN x2
USB x1

CONNECTIONS

External dosing
pump/24Vdc
RS 485/H2O2 Sensor
RS 485/24Vdc Option
LAN/ExtU
LAN/Dryer

LAN/Heater

LAN/Cat

LAN/Eth-switch

Power cord

H2O2 bottle connector

OTHER

7" touch screen

Bottle holder

Antenna x 2

POWER DATA

POWER SUPPLY

230 VAC/50Hz

CONSUMPTION

800 W

IP-RATING

IP2X case open

IP4X case closed

FUSES

F4 primary fuse 10A

F3 heat cell 5A

F2 power source 230V 3A

F1 power source 24V 3A

OPERATING DATA

CONSUMPTION

50% hydrogen
peroxide aqueous
solution

PRIMARY FAN

110 m3/h

CONTROL

Touch screen and
computer/tablet/
phone via cable
or WiFi.

HYDROGEN PEROXIDE OUTPUT

1725 ppm/min at rate 3 ml/min of H2O2 solution

TEMPERATURE AND HUMIDITY

Recommended operating temperature 20-40 C.

Real-time control of the vapour output is measuring hydrogen peroxide concentration, humidity, relative saturation and temperature.

External addition units for VCS-100Cr

[EXTERNAL UNITS](#) [CATALYTIC CONVERTER](#) [AIR DRYER](#) [FAN](#)

Conformity to standards

EN 55011:2009+A1:2010

>> Industrial, scientific and medical equipment - Radio frequency disturbance characteristics - Limits and methods of measurement >>

EN 61000-6-3:2007+A1:2011+A1:2012 >> Electromagnetic compability (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments >>

EN 6100-6-2:2005+AC:2005

>> Electromagnetic compability (EMC) - Part 6-2: Generic standards - Immunity for industrial environments >>

EN 301 489-1 V1.9.2

>> Electromagnetic compability and Radio spectrum Matters (ERM). Electromagnetic Compability (EMC) standard for radio equipment and services. Part 1: Common technical requirements

Complying with regulations

Conformity to EU requirements:

Cleamix VCS-100Cr is in accordance with the following EU directives:

LVD | EMC | ROHS | RED | WEEE

Highly portable, smart & extremely efficient - Cleamix.