



VCS100M

Revolutionary mobile decontamination unit

Cleamix VCS-100M is a mobile decontamination unit designed for demanding hydrogen peroxide bio-decontamination processes.

Cleamix VCS-100M 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-Service/
Software update

CONNECTIONS

RS 485/24Vdc H2O2
Sensor
RS 485/24Vdc Option
LAN/Dryer

LAN/Heater
LAN/Cat
Power cord
H2O2 bottle connector

OTHER

3 1/2" touch
screen
Bottle holder
Antenna x 2

POWER DATA

POWER SUPPLY

230 VAC/50Hz
(-6% - +10%)

CONSUMPTION

800 W

IP-RATING

IP2X case open
IP4X case closed

FUSES

IF4 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

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.

PRIMARY FAN

110 m3/h

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

External addition units for VCS-100M

> 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-100M is in accordance with the following EU directives:

LVD | EMC | ROHS | RED | WEEE

Highly portable, smart & extremely efficient - Cleamix.