



# VCS-100CR

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 micro-organisms, like bacterial spores at room temperatures and low concentrations.



SLS CONSULTING

**SLS Consulting Ltd**

1F, No 16, Alley 5, Lane 608,  
Bei-An Rd, Taipei 104, Taiwan

[www.sls-consulting.com](http://www.sls-consulting.com)

Physical data	Power data	Operating data
<p><b>Dimensions &amp; weight</b> 557 x 420 x 220 mm (L x W x H)</p> <p><b>Weight</b> 9,5 kg</p> <p><b>Ports</b> WAN x1 LAN x2 USB x1</p> <p><b>Connections</b> External dosing pump/24Vdc RS 485/H2O2 Sensor RS 485/24Vdc Option LAN/ExtelU LAN/Dryer LAN/Heater LAN/Cat LAN/Eth-switch Power cord H<sub>2</sub>O<sub>2</sub> bottle connector</p> <p><b>Other</b> 7" touch screen Bottle holder Antenna x 2</p>	<p><b>Power supply</b> 230 VAC/50Hz</p> <p><b>Consumption</b> 800 W</p> <p><b>IP-Rating</b> IP2X case open IP4X case closed</p> <p><b>Fuses</b> F4 primary fuse 10A F3 heat cell 5A F2 power source 230V 3A F1 power source 24V 3A</p>	<p><b>Consumption</b> 50% hydrogen peroxide aqueous solution</p> <p><b>Primary fan</b> 110 m<sup>3</sup>/h</p> <p><b>Control</b> Touch screen and computer/ tablet/ phone via cable or WiFi.</p> <p><b>Hydrogen peroxide output</b> 1725 ppm/min at rate 3 ml/min of H<sub>2</sub>O<sub>2</sub> solution</p> <p><b>Temperature and humidity</b> Recommended operating temperature 20-40 C.  Real-time control of the vapour output is measuring hydrogen peroxide concentration, humidity, relative saturation and temperature.</p>
External addition units for VCS-100CR	Conformity to standards	Conformity to EU requirements:
<ul style="list-style-type: none"> <li>• External units</li> <li>• Catalytic converter</li> <li>• Air dryer</li> <li>• Fan</li> </ul>	<p><b>EN 55011:2009+A1:2010</b> Industrial, scientific and medical equipment - Radio frequency disturbance characteristics - Limits and methods of measurement</p> <p><b>EN 61000-6-3:2007+ A1:2011+A1:2012</b> Electromagnetic compability (EMC) - Part 6-3: Generic stand- ards - Emission standard for residential, commercial and light-industrial environments</p> <p><b>EN 6100-6-2:2005+AC:2005</b> Electromagnetic compability (EMC) - Part 6-2: Generic standards - Immunity for industrial environments</p> <p><b>EN 301 489-1 V1.9.2</b> Electromagnetic compability and Radio spectrum Matters (ERM). Electromagnetic Compability (EMC) standard for radio equip- ment and services. Part 1: Common technical requirements</p>	<p>Cleamix VCS-100CR is in accordance with the following EU directives:</p> <ul style="list-style-type: none"> <li>• LVD</li> <li>• EMC</li> <li>• ROHS</li> <li>• RED</li> <li>• WEEE</li> </ul>