



## SATEPA UV Steriliser MULTI UVC160D - Display LCD

Reference: UVC160D

### SATEPA UV Multi Steriliser UVC160D - LCD Display

SATEPA UV Sterilizer Multi UVC160D - LCD Display by SATEPA is the ideal solution to ensure efficient and safe water debatinization in a variety of applications. With its 4 low-pressure mercury vapor lamps and advanced technology, this device can eliminate bacteria, viruses and other microorganisms from water, ensuring deep and complete disinfection.

#### **Key Features** SATEPA UV Multi Sterilizer UVC160D- LCD Display:

**Proven Efficacy:** Uses the power of UV-C rays with a wavelength of 254 nm to eliminate bacteria, viruses and other microorganisms.

**4 low-pressure mercury vapor lamps:** Provides high sterilization power and long life of up to 9,000 hours.

**Ultra-pure quartz sheaths:** They protect the lamps and ensure optimal UV-C transmission for uniform debatinization.

**High-efficiency electronic power supplies:** They reduce energy consumption and ensure reliable operation.

**Digital control unit with LCD display:** Allows you to monitor the operating status of the sterilizer, display irradiance and temperature data, and set operating parameters.

**Optional irradiance and temperature sensor:** Provides precise control of UV-C intensity and water temperature for optimal debatinization.

#### **Advantages** SATEPA UV Multi Sterilizer UVC160D- LCD display:

**Pure and safe SATEPA:** Eliminates harmful microorganisms, ensuring safe drinking and optimal hygiene.

**Health protection:** Prevents the spread of diseases related to contaminated water.

**Reduced chlorine use:** Enables the use of chlorine and other chemicals for water disinfection to be decreased or eliminated, promoting a healthier and more sustainable environment.

**SATEPA Energy Efficiency:** High-efficiency electronic ballasts ensure low energy consumption.

**Easy maintenance:** Lamps are easily replaced, and the monitoring system makes it easy to manage the UV sterilizer.

#### **Technical specifications** SATEPA UV Multi Sterilizer UVC160D- LCD display:

Maximum: 23 m<sup>3</sup>/h - 23000 l/m - 101.00 GPM @ 30,000 μWsec/cm<sup>2</sup>  
 Reduced: 18 m<sup>3</sup>/h - 18000 l/m - 79.00 GPM @ 40,000 μWsec/cm<sup>2</sup>  
 Number: 4  
 Power: 80W each  
 Service life: 9,000 hours  
 Dimensions: Total H: 928 mm - Ø140 mm  
 Form factor: 'Z' tube  
 Working position: Vertical  
 Hydraulic connections  
 Inlet: 2" male threaded (flange optional)  
 Water outlet: ½"  
 Maximum pressure: 10 Bar standard  
 Material: AISI 304 (AISI 316 optional)  
 UV3 Cabinet Characteristics  
 Cabinet dimensions: 300 x 380 x 120 mm  
 Display: white/blue backlit LCD 2x8 characters  
 End-of-life lamp alarm via LED/relay  
 Total lamp life hour counter  
 Partial lamp life hour counter (resettable)  
 Stand-by control with "OK" button  
 Remote ON/OFF control (e.g. flow meter)  
 Solenoid valve control with 230 Vac power relay in exchange @ 0.250 A  
 Dry contact alarm relay 1 A @ 30Vdc; 0.250 A @ 230 Vac  
 IP rating: IP 54 (IP 65 optional)  
 Electrical absorption: 320 Watt  
 Power supply: 230 Vac ± 10% @ 50/60 Hz

Commands: Looking for a UV steriliser with different features? Click [HERE](#).

Images and technical data purely indicative.

## Technical Sheet

Frequency (Hz)	50 / 60
Protection degree	IP54
Pressure (bars)	10
Lamps	4 x 80 W
Power consumption (W)	320
Capacity (Lt/h)	18000 - 23000
Output voltage (VAC)	230
Reactor Dimensions	H total: 928 mm - Ø 140 mm
Form	Z-pipe
job position	Vertical
lamp control	Gestione singola lampada con allarme fine vita lampada attraverso led/relè