



## Steriluent™ PSD-85 Hydrogen Peroxide Sterilizer

### Specifications

#### Power Requirements

**Voltage:** 100-130 VAC or 200-250 VAC

**Frequency:** 50/60 Hz

**Phase:** Single

**Maximum Power:** 1650W

**Current:** 13.75 A @ 120VAC continuous duty

**Power cord length:** 182 cm (72 in.; supplied with unit)

#### Physical Characteristics

##### Height:

**Operation:** 177 cm (69.7 in.)

**Transport & Storage:** 104 cm (40.8 in.)

**Width:** 76 cm (29.8 in.)

**Depth:** 126 cm (49.7 in.)

**Floor Foot Print:** 91.4 cm (36 in.) wide by 152 cm (60 in.) deep

**Weight:** 205 Kg (451 lbs.)

#### Sterilization Chamber

**Volume:** 85 liters

**Shelf Capacity – Uniform Distribution:** 11.3 Kg (25 lbs)

**Chamber Operating Temperature:** 55°C (131°F)

#### Required Minimum Clearances

**Front:** 90 cm (36 inches)

**Back:** 30 cm (12 inches)

**Sides:** No required minimum clearances for operation

**Room Ventilation:** 4 air changes per hour

**Drainage:** No drainage requirements

## Sterilization Cycles

### Non-Lumen Cycle

**Time:** ~40 minutes

**Weight:** Maximum 11.3 Kg / 25 lbs

### Lumen Cycle

**Time:** ~70 minutes

**Weight:** Maximum 4.5 Kg / 10 lbs

**Lumen Dimensions:** Limit of 10 lumened devices per load

Internal Diameter  $\geq$  1mm X Length  $\leq$  60mm

Internal Diameter  $\geq$  2mm X Length  $\leq$  250mm

Internal Diameter  $\geq$  3mm X Length  $\leq$  350mm

## Environmental Operating Conditions

**Temperature:** 0 to 49°C (32 to 122°F)

### Humidity:

95% Maximum at 24°C (75°F)

88% Maximum at 31°C (88°F)

**Rain:** Tested to MIL-STD-810G for Drip

**Sand and Dust:** Tested to MIL-STD-810G for Settling Dust

## Environmental Storage & Transportation Conditions

**Temperature:** -33 to 71°C (-27 to 160°F)

**Humidity:** 95% Maximum (at 60°C)

**Transportation Stack Height:** 2 Units High Maximum

**Storage Stack Height:** 2 Units High Maximum

**Vibration:** Tested to MIL-STD-810G for Vehicle, Air Cargo, and Two-wheeled Trailer

**Drop/Shock:** Tested to MIL-STD-810G for Transit Drop

**Rain:** Tested to MIL-STD-810G for Rain and Blowing Rain

**Sand and Dust:** Tested to MIL-STD-810G for Blowing Sand and Blowing Dust

## Standards

**EN 60601-1-2:2001 +A1:2006**

**IEC EN 60601-1-2:2007**

**EN 61000-3-2:2006**

**EN 61000-3-3:2008**

**IEC 61010-1**

**IEC 61010-2-040**

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