



Liquid chemical sterilization provides fast reprocessing ease for cleaned, reusable, immersible, and heat-sensitive critical and semi-critical devices. S40™ Sterilant Concentrate is a powerful liquid chemical sterilant that eliminates all microbial life. Its compact footprint makes SYSTEM 1E processor convenient and ideal for a variety of locations. The use-dilution is neutral pH, and rinses safely down the drain. The SYSTEM 1E processor performs two quick rinse cycles, reducing energy and water consumption.

Running a 23-minute cycle, the SYSTEM 1E processor minimizes device downtime between patients. Two pre-filters, UV irradiation and a MaxPure™ filter work in harmony with S40 Sterilant Concentrate as a validated process for critical and semi-critical, heat sensitive devices. This gentle

## Features

- • From the Substerile to the Surgeon in Only 23 Minutes\*
- • Increased productivity - Simple, 3 step process
- • Maximize utilization of devices. Minimize downtime & repair.
- • Environmentally friendlier solutions
- • From the trusted innovator and leader in liquid chemical sterilization



# Specifications

## Dimensions

Width: 30 in (76 cm)  
Depth: (on cart) 9 in (23 cm) (on Wall) 10 in (24 cm)  
Height: ( Wall Monted) 28 in (71 cm) ( under counter Cabinet) 17 in (43 cm)  
Shipping Weight: 178 lbs (81kg)  
DryWeight: 140 lbs (64kg)  
Operating Weight: 165 lbs (75 kg)

## Engineering Data

Water Consumption: 8.7 U.S. gal (33L) per cycle  
Sterilant Consumption: 1 single-use cup per liquid chemical sterilization cycle.  
Environmental Factors: 60-90°F (16-32°C) room temperature; 10-90% relative humidity, non-condensing.  
UV System: Width 30" (76 cm), Depth 9" (23 cm), Height 28" (71 cm), Weight 44 lb (20 kg).  
Dry weight: 44 lb (20 kg); Operational weight: 49 lb (22 kg); Wall bracket weight: 9 lb (4 kg); On-Cart dry weight: 35 lb (16 kg); On-cart operational weight: 40 lb (18 kg)

## Water

Water Consumption  
8.7 U.S. gal (33L) per cycle; peak: 2.5 U.S. gal/min  
(9.5 L/min) at 36.5 psig (252 kPa).  
Water Specifications  
Tap or other potable water, 3/4" (1.9 cm) I.D. male hose connection.  
Pressure: 40-50 PSIG (276 - 345 kPa); 109 - 140°F (43 - 60°C); Optimum temp: 115 - 118°F (46 - 48°C); < 140 ppm hardness as CaCO<sub>3</sub>; transmittance > 88% at 254 nm  
Drain  
1-1/4" (3.18 cm) minimum, sink or other sanitary, nonbackpressuring

## Electrical Requirments

Processor: 115 VAC, 60 Hz, 15 amp  
UV System: 115 VAC, 60 Hz, 1 amp  
Service: 115 VAC, 60 Hz, 20 amp dedicated circuit terminated in a 20 amp hospital grade GFCI duplex receptacle.