

**Dariya**

Dariya Danesh Barsava  
Medical Equipment Manufacturer


# OXY-COOL

*Plasma Sterilizer*




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PRODUCT  
CATALOGUE  
*S1DH140*

# OXY-COOL

## Plasma Sterilizer

- Hydrogen Peroxide and Radio Frequency Cold Plasma Technology
- User Friendly Control System
- 9-inch Touchscreen
- Graphical Cycle Process Information: Visual Alarms and Errors
- Humidity Detection Capability
- Safe Cycle Canceling Process
- Environment Friendly: No toxic or Harmful Residuals
- Printing Cycle Information
- Electric Plug Only



### Technical Specifications

Parameter	Specification	
Total Cycle Time	Quick Cycle: 39 min	Standard Cycle: 54 min
Sterilization capacity	20 Packs (7 kg); External surface	20 Packs (7 kg); universal sterilization or 2 Endoscope 2 x 400 mm (Ø=2mm) 2 x 150 mm (Ø=1mm)
Sterilization Chamber	Dimension Volume Shelves Materials	43.5 cm x 44.5 cm x 73.5 cm 132L 2 (Up-Down Arrangement) Stainless Steel 304
Cycle Temperature	Less than 55 °C	
Sterilization Agent	35% Hydrogen Peroxide; 1 Cartridge Per Cycle	
Controller	Siemens SIMATIC Controller (Made in Germany)	
Display	9-inches SIMATIC Siemens Touchscreen (Made in Germany)	
Pressure sensor	EDWARDS, Corrosion Resistant Pirani Gauge (Made in UK)	
Filters	Input: HEPA Anti Bacterial   Output: HEPA + Activated Carbon	
Electricity	Single Phase / 220V /50Hz	
Dimensions	177 cm x 90 cm x 76 cm (HxLxW)   Weight: 500kg	



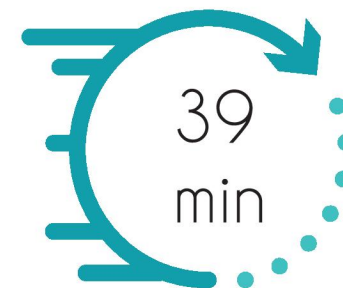
IEC 60601-1:2010  
IEC 60601-2-40: 2015



Made in Iran

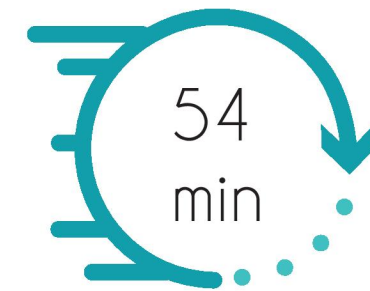
# Cycles

## Quick Cycle



For sterilizing SURFACE of generic and professional reusable medical devices.

## Standard Cycle



For sterilizing generic and professional reusable medical devices or two endoscopes.

## Sterilant Agent



Hydrogen Peroxide (35% w/w)  
Volume: 30 mL  
One Cartridge/Cycle



Process Challenge Device(PCD):  
Material: Stainless Steel and Teflon Plastic  
Internal Diameter: 1mm  
Model:  
SPCD-D1S (for Standard cycle)