

**Dariya**

Dariya Danesh Barsava
Medical Equipment Manufacturer


OXY-COOL

Plasma Sterilizer




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 Pamchal St, Khorasan Science and
Technology Park, Mashhad, IRAN.

 www.dariya-db.com

 +98-(51)35 42 55 38

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 4000 mm (Ø=2mm) 2 x 1500 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	
Electrical Power	Single Phase / 220V /50Hz	
Dimensions	177 cm x 90 cm x 76 cm (HxLxW) Weight: 500kg	



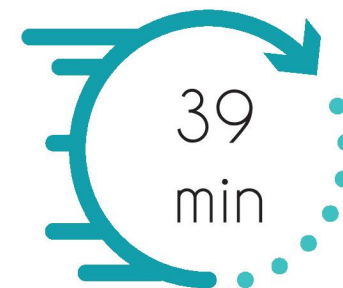
IEC 61010-1:2010
IEC 61010-2-40: 2015



Made in Iran

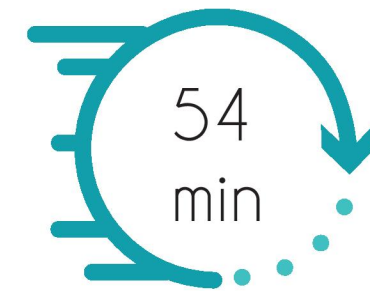
Cycles

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)