

## DS 1000 / DS 1000 FAST Washer Disinfector

Maximizing Instrument Throughput for Sterile Processing Departments



### Models:

<b>DS 900 e</b>	WxDxH 43.3" x 37.8" x 76.4"	single door, electrical heated
<b>DS 900 s</b>	WxDxH 43.3" x 37.8" x 76.4"	single door, steam heated
<b>DS 1000 e</b>	WxDxH 43.3" x 37.8" x 76.4"	pass-through, electrical heated
<b>DS 1000 s</b>	WxDxH 43.3" x 37.8" x 76.4"	pass-through, steam heated
<b>DS 1000 e FAST</b>	WxDxH 43.3" x 37.8" x 76.4"	fast cycle option, pass-through, electrical heated
<b>DS 1000 s FAST</b>	WxDxH 43.3" x 37.8" x 76.4"	fast cycle option, pass-through, steam heated

All models are designed for use with instrument trays up to 31.5" total length

### Available configurations:

- Electrical connection 208 / 480V, 3-phase
- Non vented or vented
- Narrow frame version reducing footprint
- PW1000 as pre-wash unit in automation setup
- 3-S setup with additional pre-heated tank



### STEELCO USA Inc.

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### Standard Features DS 900 / DS 1000:

- Automatic HST-glass sliding down door(s)
- Top-lit wash chamber in AISI 316L, mirror finish
- Rotating spray arms on top and bottom of chamber
- Three-stage water filtering system
- Color touch screen display
- Ethernet interface
- USB port for cycle data download
- Automatic cart detection and cycle selection
- 65 Wash programs (20 standard + 45 free programs)
- High efficiency circulation pump 1.5 kW
- Pressure controlled wash circuit monitoring
- Drain water cool-down circuit
- Three (3) dosing pumps for detergents and / or rinse aid
- Three (3) flow meters monitoring precise detergent dispensing
- Three (3) detergent level sensors
- Powerful hot air drying system with HEPA filter
- Built-in detergent storage cabinet



### Cycle times DS 900 / DS 1000:

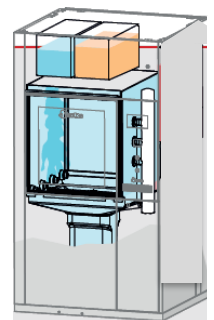
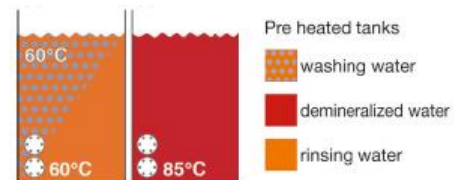
#1 Instrument Short

45 min\* including thermal disinfection and drying

*\*completely electrical heated machine, steam heated configuration provides reduced cycle times*

### Standard Features DS 1000 FAST:

- Automatic HST-glass sliding down doors
- Top-lit wash chamber in AISI 316L, mirror finishing
- **Two pre-heated process tanks (electrical / steam)**
- **Water recycling pump (saving 9.5 gal of water / cycle)**
- Rotating spray arms on top and bottom of chamber
- Color touch screen display
- Ethernet interface
- USB port for cycle data download
- Automatic cart detection and cycle selection
- 65 Wash programs (20 standard + 45 free programs)
- High efficiency circulation pump 1.5 kW
- Pressure controlled wash circuit monitoring
- Drain water cool-down circuit
- Three (3) dosing pumps for detergents and / or rinse aid
- Three (3) flow meters monitoring precise detergent dispensing
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- Powerful hot air drying system with HEPA filter
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### Cycle times DS 1000 FAST:

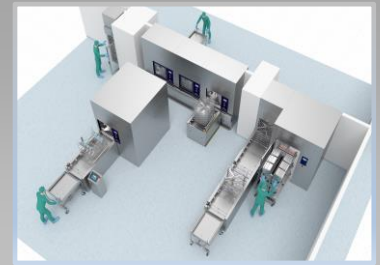
#1 Instrument Short

30 minutes including thermal disinfection and drying

### Additional Options:

- STEELCO DATA monitoring & supervisor software
- Built-in printer
- Drain pump
- Third pre-heating tank for additional time & water savings
- Steam condenser for non-vented installation
- Barcode reader
- Fourth dosing pump, flow-meter and level control

### Automation Systems:



The implementation of automated loading and unloading systems for instrument washers in sterile processing departments enables:

- Standardized Processes
- Higher Productivity
- Reduction of Faults Alarms
- New Equipment Layouts
- Intelligent and Usage
- Minimization of Manual Steps
- Maximum Throughput on Minimum Space

The Steelco DS 1000 washer is the key element for high throughput equipment layouts using loading and unloading conveyors, cart transfer shuttles and fully automated pre-wash and ultrasonic cleaning.



Effectiveness, safety,  
and high productivity  
*Complete solutions for all needs*

**Carts & Transfer Trolleys:**



**C 200 Cart Transfer Trolley**

- Lockable antistatic castors
- Safety link system to washer
- Drip water collection



**C 205 Height Adjustable Cart Transfer Trolley**

- Electrical height adjustable with remote control
- Lockable antistatic castors
- Safety link system to washer
- Drip water collection



**C1080W 3-Level Instrument Wash Cart**

- 3 -Level cart with space for up to 9 instrument trays
- 2 Rotating spray arms
- Designed for use with trays up to 6.8" tall



**C100W 5-Level Instrument Wash Cart**

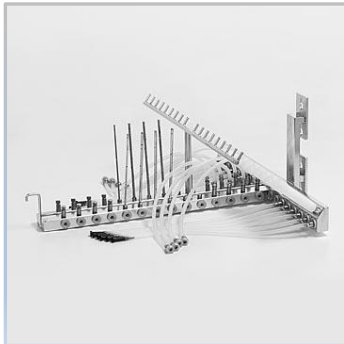
- 5 -Level cart with space for up to 15 instrument trays
- 4 Removable levels to customize cart
- 4 Rotating spray arms
- Compatible with C110 insert for cannulated instruments

**Carts & Transfer Trolleys:**



**C102W MIS cart for cannulated instruments**

- 3 -Level cart with space for up to 5 instrument trays
- 14 Injector sleeves
- 18 Luer Lock connectors
- 46 Universal instrument connections with silicone tubing
- 6 Custom connections for additional Luer Locks



**C110 MIS insert for cannulated instruments**

- For use with C100W 5-level instrument cart
- 14 Injector sleeves
- 8 Luer Lock connectors
- 40 Universal instrument connections with silicone tubing
- 8 Custom connections for additional Luer Locks



**C105W Universal Cart**

- For use with C 106 insert for instrument containers



**C106 Insert for Instrument Containers**

- For use with C105W Universal Cart
- Holds 4 instrument containers with lids
- Designed for DIN instrument containers 23.62" x 11.81" x 11.81"



**Consumables / Detergents:**

Our Sonitol product line has been specifically developed and tested with Steelco Instrument Washers:

Sonitol - 404LF-1 Surg-Enz Multi-Enzymatic Cleaner	1 GAL
Sonitol - 404LF-5 Surg-Enz Multi-Enzymatic Cleaner, low foam	5 GAL
Sonitol - 404LF-15 Surg-Enz Multi-Enzymatic Cleaner, low foam	15 GAL
Sonitol - 404LF-30 Surg-Enz Multi-Enzymatic Cleaner, low foam	30 GAL
Sonitol - 404LF-55 Surg-Enz Multi-Enzymatic Cleaner, low foam	55 GAL

Sonitol - 200-1 Acidic Neutralizer	1 GAL
Sonitol - 200-5 Acidic Neutralizer	5 GAL
Sonitol - 200-15 Acidic Neutralizer	15 GAL
Sonitol - 200-30 Acidic Neutralizer	30 GAL
Sonitol - 200-55 Acidic Neutralizer	55 GAL

Sonitol - 300-1 Lubricant	1 GAL
Sonitol - 300-5 Lubricant	5 GAL
Sonitol - 300-15 Lubricant	15 GAL
Sonitol - 300-30 Lubricant	30 GAL
Sonitol - 300-55 Lubricant	55 GAL

Sonitol – 110CK Moderate Alkaline	1 GAL
Sonitol – 110CK-5 Moderate Alkaline	5 GAL
Sonitol – 110CK-15 Moderate Alkaline	15 GAL
Sonitol – 110CK-30 Moderate Alkaline	30 GAL
Sonitol – 110CK-55 Moderate Alkaline	55 GAL

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