

## HYDRIM C51w

## HYDRIM C51wd

### Hydrim Instrument Surgical Instrument

### Surgical Instrument Washers

### Surgical Instrument Washer Disinfectors

### Perfectly prepares Surgical Instruments

### for sterilization in as little as 19 minutes.



Safer for your staff, Kinder to your instruments

### A Higher Standard

Authorities now recommend that dental instruments must first be processed in a mechanical washer or washer-disinfector prior to sterilization. Across Europe, standards and guidelines (EN15883 / RKI / BDA Advice Sheet A12) reflect this advice.

Effective sterilization begins with the Hydrim® C51wd surgical instrument washer or C51w surgical instrument washer which automatically washes, rinses, disinfects and dries dental instruments, simply by pressing the icons on the touch screen.

The Hydrim surgical instrument washer process begins with a powerful pre-wash cycle. Then two independent, high-pressure sprays clean the instrument load from above and below removing virtually all organic debris. Cleaning solution is dispensed automatically and clean water is used with every new cycle. Independent tests show the Hydrim to have a protein removal efficacy of 99.9 - 100%.

Hydrim surgical instrument washer eliminates the soaking, scrubbing and rinsing associated with traditional pre-sterilization processes. In the C51wd surgical instrument washer disinfection at 80°C for ten minutes following the washing phase renders the instruments safe to handle.

The surgical instrument washer chemicals in ultrasonic baths are typically changed once per day. Microbial load builds throughout the day and instruments are often cleaned for variable periods of time. In contrast, mechanical washing in the Hydrim surgical instrument washer is more efficient than an ultrasonic bath because Hydrim is consistent, more powerful and uses only single-use water and detergent chemicals.

### If it isn't clean? It can't be sterilized!

Hydrim Cleaning Solution with instrument protection (HIP) has been formulated to achieve excellent cleaning results while assuring exceptional compatibility with a wide range of metals and coatings used in dental instruments. Your valuable instruments will be protected better and for longer by the HIP formulation.

**SciCan's HIP surgical instrument cleaning** solution, combined with Hydrim's specially designed wash program, provides a superior washing system which perfectly prepares your instruments for sterilization with a Statim, Quantim B2® or other sterilizing process.

**Customer Service: Joan Hinchman**

**1-800-341-7048, Fax: 1-800-704-2815**

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**Technical Support: John Temple**  
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**websites:**

[www.ergo-logistics.com](http://www.ergo-logistics.com)  
[www.surgicalinstrumentcleaner.com](http://www.surgicalinstrumentcleaner.com)  
[www.surgical-instrument-washer.com](http://www.surgical-instrument-washer.com)

**HYDRIM C51w**  
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**Active Drying System**

Drying of instruments after cleaning, and before wrapping, is recommended by major instrument manufacturers to prevent corrosion. The Hydrim C51w / wd has an active drying system that circulates warm air throughout the chamber following the cycle. In the C51wd, a built-in dryer with Hepa filter (user changeable) ensures that instruments are dried with air free of contaminants. Since instruments are already warm due to the elevated temperature during disinfection, they dry in less than 10 minutes.

The drying time can be extended or reduced if desired.

The drying cycle of the Hydrim eliminates the need for practice staff to pat instruments dry, as they would usually do following manual scrubbing or processing in an ultrasonic cleaner. This further reduces the risk of staff injury, and saves valuable time.

**Cycle**

**P1**

**Regular Cycle**

**P2**

**Heavy Duty Cycle**

**P3**

**Heavy Duty Cycle with Disinfection**

Description

Use for moderately soiled instruments.

Use for heavily soiled instruments.

Use for heavily soiled instruments and cassettes.

Cold pre-wash

<45°C

<45°C

<45°C

Wash

50°C

5 minutes

50°C

9 minutes

50°C

9 minutes

Rinse/disinfection

60°C

60°C

80°C 10 minutes

Dry

0-15 min.

0-15 min.

0-15 min.

Total time\* without drying

19 minutes

23 minutes

45 minutes

Water consumption

13L

13L

13L

**Cycle**

**Rinse & Hold**

**Regular Wash & Dry**

## Heavy Duty Wash & Dry

### Description

Use to prevent soil from drying on instruments and if wash cycle is not immediately desired.

Use for moderately soiled loose instruments

Use for heavily soiled instruments or cassettes or if using the cannula post.

Cold pre-wash

<45°C

<45°C

<45°C

Wash

N/A

5 minutes

9 minutes

Rinse/disinfection

60°C

60°C

60°C

Dry

N/A

10 minutes

(factory pre-set time).

Can be extended.

10 minutes

(factory pre-set time).

Can be extended.

Total time\* without drying

8 minutes

9 minutes

23 minutes

Water consumption

6L

14L

14L

## [HYDRIM C51w](#)

## [HYDRIM C51wd](#)

## Record Keeping

A datalogger is available as an optional accessory. It connects into an RS232 9 pin port and automatically captures the parameters of the cleaning and disinfection cycle(s) within a text file on a USB stick. Afterwards these files can be saved from the USB stick onto the mainframe computer in the practice.

\* Cycle times depend on the temperature and pressure of incoming water Hydrim C51 Cycles.

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## Datalogger

The RS232 9 pin port offers the user the option to connect to a selection of standard printers.

## [HYDRIM C51w](#)

## [HYDRIM C51wd](#)

## Accessories



Hinged instrument rack

15793.00

192 x 100 x 109 mm



Large basket

01-108232

442 x 150 x 42 mm



Basket with hinged lid  
01-108294  
216 x 140 x 54 mm



Hygiene basket  
01-108298  
203 x 114 x 32 mm



Statim 2000 basket  
01-107240  
275 x 178 x 42 mm



Statim 5000 basket  
01-107241  
373 x 178 x 42mm



Support rack  
01-108214  
350 x 350 x 48 mm

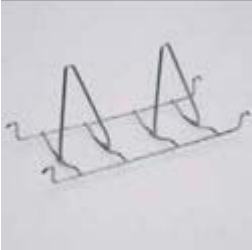


HIP cleaning solution

CS-HIPC  
4 x 1.9L



4-cassette rack  
01-109153  
388 x 385 x 160mm



1-cassette rack  
01-107242  
388 x 156 x 160 mm



Rack for Vertical Instruments  
15555.01



Rack for two cassettes and  
two baskets  
01-109768S



SYS-TM Instrument Cassettes  
SYS-TM1 – 178 x 64 x 13 mm  
SYS-TM2 – 178 x 64 x 25 mm  
SYS-TM3 – 178 x 114 x 13 mm  
SYS-TM4B – 267 x 165 x 25 mm

**HYDRIM C51w**  
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## Specifications

**Unit Size:**

D 460 mm x W 600 mm x H 475 mm

**Depth with Door Open:**

78 cm

**Weight:**

35 kg  
**Running Noise:**  
60 dBA  
**Water Softener**  
Standard  
**Drying system**  
Heater 1kW with Blower  
**Hot and cold water connections**  
G ¾"/19mm  
**Drain**  
¾"/19mm  
**Inlet water pressure**  
1-10bar  
**Electrical Connection:**  
220-240V, 50Hz, 10 amp  
**Independent second temperature sensor**  
Standard  
**Independent monitoring of chemical dosing**  
Standard  
**Independent monitoring of circulation pumps**  
Standard  
**RS 232 data port**  
Standard  
**Test port (C51wd only)**  
Standard

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