

G4

A new wave in instrument washing and disinfection

Introducing the HYDRIM® G4 WD series



Your Infection Control Specialist™

SciCan
A Sanavis Group Company

Taking control of your infection control



How automated washer-disinfectors in dental practices improve the sterilization process

The use of automated instrument washer-disinfectors (WD) is growing worldwide as regulatory authorities and dentists endorse and adopt what has come to be understood as the most effective and consistent means of cleaning and disinfecting instruments before sterilization.



The hazards of manual cleaning

Hand scrubbing is increasingly used less because it exposes staff to the hazards of skin punctures and can affect the productivity of the practice as it takes time away from patient care.

The limitations of ultrasonic cleaning

Ultrasonic cleaning is also used but its effectiveness compared to automated washing has long been under question. Ultrasonic cleaning requires subsequent rinsing before sterilization, adding steps to sterilization efficiency.

The challenge in both these methods is the effect on human resources. As Mark Tholen writes in Dental Economics, "Decontaminating, washing, rinsing, and drying instruments are extremely labor intensive and dramatically reduce the throughput speed of instrumentation through sterilization."^{*}

He points to the automated washer as the single greatest labor-saving device in a dental office, concluding that, "when [a washer is] used in combination with cassettes, approximately one hour of labor can be saved for every nine procedural set-ups that are processed through sterilization."^{*}

Delivering consistent, validated cleaning results

Consistent repeatable cycles are a key advantage to using automated washers because this offers the user control. It ensures every set of instruments receives the same validated cleaning process, and cycle data is recorded to provide accurately detailed and consistent documentation that establishes an accountability baseline for instrument cleaning.

^{*} Tholen, Mark, 10 Ideas to Increase Production and Decrease Expenses in Sterilization. (www.dentaleconomics.com/articles/print/volume-99/issue-10/features/increase-production-and-decrease-expenses-in-sterilization.html)

HYDRIM meets the Internet

The HYDRIM G4 is equipped with a web interface that enables online access and offers a platform with endless possibilities.



G4



A high-resolution, 65K color touch screen offers a vivid display of messages, current cycle information and customizable colors all with extraordinary clarity. Fully adjustable contrast levels let you optimize the screen to the lighting in your steri-center, and it's 2.5-inch by 3-inch dimensions allow easy viewing of cycle information.

CONNECT

The HYDRIM G4 is capable of communicating directly with service personnel or anyone you choose. Should the HYDRIM G4 ever need attention, diagnostic information can be sent via email to pre-selected dealer service reps, significantly reducing down time.



PROTECT



Patient safety relies on attention to detail. The HYDRIM G4 supports verifiable processes that are PIN protected with user-defined IDs so that staff members can be required to authorize a cycle. This encourages extra attention to process and creates a safer environment for both staff and patient.

COLLECT

With each cycle, information must be stored to protect your office and your patients. The integrated data logger stores all cycle information for the lifetime of the unit. A USB port allows for the manual retrieval of cycle history. The 10/100 Base-T Ethernet connection puts your PC in direct contact with your HYDRIM G4 and the RS232 serial printer port allows you to connect with an external printer.





HYDRIM C61wd G4 washer-disinfector

BENEFITS

- Designed in accordance with ISO 15883-1 and -2, the international standard for washer-disinfectors
- The unit can be installed on the countertop or built into a steri-center under the counter
- Large chamber volume – 6 full sized IMS cassette capacity, the HYDRIM C61wd G4 can turn over 120 instruments in just 60 minutes – start to dry
- G4 web portal interface includes data storage, service logs and remote access capabilities
- Validated cycles to ensure repeatable washing and disinfection performance
- HIP ULTRA cleaning solution is stored in the unit, so there are no extra storage space requirements
- Improved serviceability, reliability and minimal maintenance requirements
- Robust stainless steel exterior
- Vivid color touch screen
- Active drying with a HEPA filter
- Optional Lumen Cleaning System (LCS) for C61wd-LCS G4 cleans up to 8 handpieces
- The LCS has a reusable water filter

SPECIFICATIONS

Size:

Dimensions: (w x h x d)	598 x 520 x 526 mm
Depth with door open:	829 mm
Weight:	44 kg

Cycle Times*

Rinse and Hold	5 mins
Regular Wash + Dry	26 mins. + 10 mins.
Heavy Duty Wash with Disinfection + Dry	42 mins. + 10 mins.

Water Consumption Per Cycle†

Rinse and Hold	11 litres
Regular Wash	11 litres
Heavy Duty Wash & Disinfection	30 litres

Electrical Connection‡

Electrical Rating:	208-240V or 200-230V, 50 Hz or 60 Hz, 12A, single phase
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Water and Drain Connections

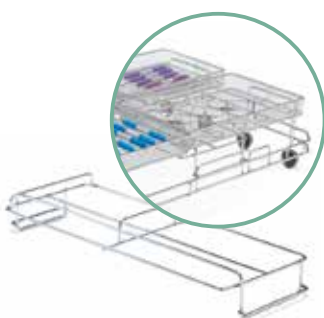
Hot and Cold Water Tap Connection	3/4" Garden hose, male
Recommended Hot Water Temperature	60°C
Cold Water Temperature	< 30°C
Inlet Water Pressure	1 - 10 bar
Drain	2 cm

* Actual cycle times will vary with incoming water temperature and pressure.

† Water consumption includes drying

‡ Electrical requirements are model specific

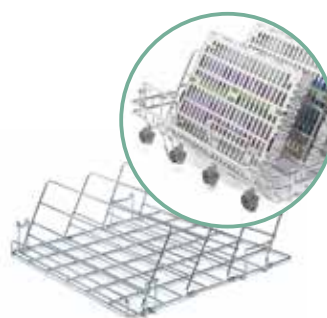
ACCESSORIES



Basket rack
p/n 01-113257
16" x 6" x 1.5"
(407 x 153 x 38 mm)



Six cassette rack
p/n 01-113251
17" x 15" x 5"
(424 x 390 x 120 mm)



Four double stacked cassette
p/n 01-113252
16" x 15" x 5"
(407 x 380 x 127 mm)



Three cassette, two basket rack
p/n 01-113253
16" x 15" x 5"
(407 x 380 x 127 mm)



Watch the video.



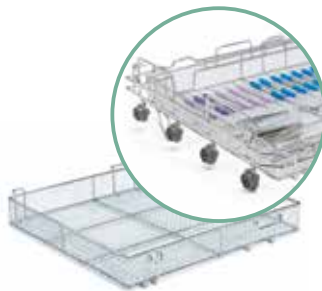
CYCLES



HYDR/M C61wd G4
HYDR/M C61wd-LCS G4



Lumen Cleaning System
(Compatible with LCS model only)
p/n 01-113625



Large basket
p/n 01-113545
16" x 15" x 2"
(424 x 390 x 56 mm)



Basket with hinged lid
p/n 01-113547
8.5" x 7" x 2"
(216 x 172 x 54 mm)



HIP ULTRA
cleaning solution
p/n CS-HIPC-U
(8 X 750 ml)



HYDRIM M2 G4 washer-disinfector

BENEFITS

- Designed in accordance with ISO 15883-1 and -2, the international standard for washer-disinfectors
- HYDRIM M2 G4 can process 1,500 instruments in a 10-hour day
- Under counter steri-center installation, but can also be a freestanding unit
- G4 web portal interface includes data storage, service logs and remote access capabilities
- Validated cycles to ensure repeatable washing and disinfection performance
- Ten 8" x 11" IMS cassette capacity
- HIP cleaning solution is stored in the unit, so there are no extra storage space requirements
- USB port for data storage
- Robust stainless steel exterior
- Vivid color touch screen
- Active drying with a HEPA filter
- Optional Lumen Cleaning System (LCS) cleans up to 12 handpieces
- The LCS has a reusable water filter

SPECIFICATIONS

Size:

Dimensions: (w x h x d)	598 x 850 x 600 mm
Depth with door open:	1200 mm
Weight:	90 kg

Cycle Times*

Rinse and Hold	18 mins
Regular Wash + Dry	35 mins. + 30 mins.
Heavy Duty Wash with Disinfection + Dry	60 mins. + 30 mins.

Water Consumption Per Cycle†

Rinse and Hold	16 litres
Regular Wash	32 litres
Heavy Duty Wash & Disinfection	40 litres

Electrical Connection‡

Electrical Rating:	230-240V, 50 Hz or 60 Hz, 12A or 13A, single phase
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Water and Drain Connections

Hot and Cold Water Tap Connection	3/4" Garden hose, male
Recommended Hot Water Temperature	60°C
Cold Water Temperature	< 30°C
Inlet Water Pressure	2-5 bar
Drain	2 cm

* Actual cycle times will vary with incoming water temperature and pressure.

† Water consumption includes drying

‡ Electrical requirements are model specific

ACCESSORIES



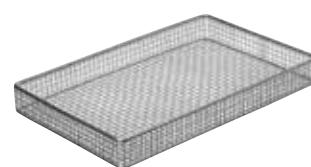
Hinged instrument rack
p/n 01-110409S
7.5" x 4" x 4.3"
(192 x 100 x 109 mm)



Basket with hinged lid, 1/4 size
p/n 01-109966S
6" x 8.5" x 2"
(159 x 216 x 51 mm)



Lumen Cleaning System
p/n 01-114405S



STATIM 2000 Basket
p/n 01-107240
11" x 7" x 1.5"
(275 x 178 x 38 mm)

CYCLES



HYDRIM M2 G4



STATIM 5000 Basket
P/N/ 01-107241
14" x 7" x 1.25"
(373 x 178 x 32 mm)



Long Basket
p/n 01-108232
18" x 6" x 1.5"
(442 x 150 x 38 mm)



Cleaning Solution
Bottle
CS-HIPL
Case of 2 x 3.8 L



5-Cassette Rack, Full Size
p/n 01-109963S
19" x 13" x 6"
(480 x 335 x 158 mm)



5-Cassette Rack, Half Size
p/n 01-109964S
19" x 7" x 6"
(480 x 168 x 158 mm)

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