



**The future is bright.  
And clean. And fully automated.**



HYDRIM® – a remarkable collection of instrument washers intended not just to meet expectations, but exceed them. Quick, quiet and labour saving, the HYDRIM uses an advanced surfactant that is gentle on instruments and actually prevents corrosion, while it cleans them... automatically.

Take control, because the stakes are too high.

Looking for the future? You'll find it here...

Your Infection Control Specialist™

**SciCan** Dental

# Why use an Automated Washer?

The advantages of automated washing systems over traditional manual cleaning are recognized by the CDC and independent research and testing organizations. If it's not clean, it can't be sterilized. SciCan offers the tabletop HYDRIM C51w instrument washer and the newly redesigned floor model HYDRIM L110w to meet the needs of your dental practice



## Key benefits to your dental practice are:

### ✓ **Virtually eliminates handscrubbing**

Protect your staff against the hazards of skin puncture and aerosolized contaminants from manual or ultrasonic washing, manual rinsing and manual drying.

### ✓ **Save valuable time**

Spend more time in revenue-generating work with patients, rather than scrubbing instruments.

### ✓ **Third party cleaning validation indicates 99.9% protein removal**

HYDRIM'S powerful circulation pumps and wash arms, combined with SciCan's HIP chemical, result in exceptional cleaning performance.

### ✓ **Chemical developed specifically for dental use**

HIP chemical is a proprietary blend of surfactants (Surface Acting Agents), which are substances that reduce the surface tension of the water and increase its ability to lift debris from instruments. Your valuable instruments are cleaned and protected with HIP!

### ✓ **Consistent repeatable cycles**

Ensure that every set of instruments receives the same validated cleaning process, without the variability inherent in manual scrubbing and ultrasonic cleaners.

### ✓ **Fresh water and chemical for each load**

A precise amount of liquid cleaning solution is dispensed automatically, without the clumping associated with powder detergents. In contrast with ultrasonic cleaners, in which the water is reused for a day or more, HYDRIM uses fresh water for each cycle.

### ✓ **Automated equipment is recommended in "Guidelines for Infection Control in Dental Health Care Settings - MMWR 2003"**

Using automated equipment can be safer and more efficient than manually cleaning contaminated instruments.

### ✓ **Easily adaptable for either loose instruments or cassettes**

Accommodates your current instrument management procedures and your future growth plans.

# Trying to decide which HYDRIM is best-suited for your practice?

Here are a few suggestions to help you choose the right HYDRIM for your practice:

- Plan for sufficient HYDRIM capacity on your busiest day. As a guideline, assume that the HYDRIM C can process 40 instrument sets in a 10-hour day, and the HYDRIM L can process 100 instrument sets in a 10-hour day. This will vary with cassette size, ratio of baskets to cassettes used, and operator scheduling.
- Consider your office layout. If you have more than one washing/sterilization area, two HYDRIM C's may be preferable to one HYDRIM L.
- How much space do you have? The compact HYDRIM C can be installed on the countertop or built into a steri-center under the counter. The floor-standing HYDRIM L is most often installed under the counter in a steri-center, but can also be a free-standing unit.
- Consider your instrument inventory. If you have limited inventory, you may prefer the HYDRIM C because its smaller capacity allows you to fill and run it more frequently.
- Are you using a lot of instrument cassettes in your practice? If so, the HYDRIM L may be the machine for you. Its capacity of ten 8" x 11" cassettes is much greater than the HYDRIM C's four-cassette capacity.
- Consider your sterilizer capacity. For efficient instrument flow, your washer capacity should be approximately the same as your sterilizer capacity.
- HYDRIM C has 1 trolley. HYDRIM L has 2. All trolleys provide unobstructed usage.
- For both HYDRIM L & C, the cleaning solution is built into the unit, so there is no extra storage space requirements.
- Both units have low energy and water consumption.
- Plan for future practice expansion, if applicable.

## HYDRIM Comparison



HYDRIM C



HYDRIM L

• Large practice (5+ operatories)		✓
• Medium practice (3-4 operatories)	✓	✓
• Small practice (1-2 operatories)	✓	
• Limited instrument inventory	✓	
• Primarily use instrument management cassettes		✓
• Limited space	✓	
• Plans to expand practice		✓

# The HYDRIM Washing System

Prior to placing instruments in the HYDRIM, remove composite, cement and amalgam at chairside. Then load instruments in cassettes or baskets, place in the HYDRIM, and press start. HYDRIM's rapid cycles wash, rinse and dry your instruments, preparing them for sterilization in Statim® or other autoclaves.



## PREWASH



Small HIP dose starts the cleaning process and protects instruments from corrosion **<45°C**

## WASH



Main HIP dose gently lifts debris from the instruments **50°C**

## RINSE



Small HIP dose rinses and protects instruments from corrosion **60°C**

## DRY



As water is evaporating from instruments HIP protects them from corrosion in the moist, oxygen-rich chamber

# HYDRIM Instrument Washers — Designed for Professional Use

	C51w	L110w
<b>EASE OF USE</b>		
<ul style="list-style-type: none"> <li>• Large window in the door allows operator to observe the cycle</li> </ul>		✓
<ul style="list-style-type: none"> <li>• Touchscreen display</li> </ul>	✓	✓
<b>CAPACITY AND CYCLE</b>		
<ul style="list-style-type: none"> <li>• 10-cassette (8" x 11") capacity</li> </ul>		✓
<ul style="list-style-type: none"> <li>• 4-cassette (8" x 11") capacity</li> </ul>	✓	
<ul style="list-style-type: none"> <li>• Easily configured for loose instruments and various cassette sizes</li> </ul>	✓	✓
<ul style="list-style-type: none"> <li>• Fast wash cycle and efficient water use</li> </ul>	✓	✓
<b>MECHANICAL AND CONSTRUCTION</b>		
<ul style="list-style-type: none"> <li>• Active drying system consisting of heater and blower dries instruments rapidly and prevents corrosion</li> </ul>	✓	✓
<ul style="list-style-type: none"> <li>• Stainless steel 304 construction, designed specifically for professional dental use</li> </ul>	✓	✓
<ul style="list-style-type: none"> <li>• Integrated liquid chemical dosing system assures accuracy, minimizes user intervention and requires no additional cabinet space</li> </ul>	✓	✓
<ul style="list-style-type: none"> <li>• Cycle documentation with printer or datalogger (optional)</li> </ul>	✓	✓



# Technical Specifications

	C51w	L110w
<b>SIZE:</b>		
Dimensions (w x h x d)	605 x 475 x 460 mm (23.81" x 18.75" x 18.25")	600 x 850 x 600 mm (23.75" x 33.5" x 23.75")
Depth with Door Open	780 mm / 30.75"	1200 mm / 47"
Weight	35kg / 77lbs.	80 kg / 176 lbs.
<b>CYCLE TIMES*:</b>		
Rinse and Hold	8 mins.	9 mins.
Regular Wash + Dry	19 mins. + 10 mins.	16 mins. + 10 mins.
Heavy Duty Wash + Dry	23 mins. + 10 mins	25 mins. + 10 mins.
*Actual cycle times will vary with incoming water temperature and pressure.		
<b>WATER CONSUMPTION PER CYCLE:</b>		
Rinse and Hold	6 litres / 1.6 gallons	11.5 litres / 3 gallons
Regular Wash	17 litres / 4.5 gallons	19 litres / 4.75 gallons
Heavy Duty Wash	17 litres / 4.5 gallons	25 litres / 6.25 gallons
<b>ELECTRICAL CONNECTION:</b>		
North America	208 - 240V, 10A, 60Hz	208 - 240V, 15A, 60Hz
Running Noise	60dB (wash)	60dB (wash)
<b>WATER AND DRAIN CONNECTIONS:</b>		
Hot and Cold Water Tap Connection	3/4" Garden hose, male	3/4" Garden hose, male
Recommended Hot Water Temperature	50°C to 70°C / 122°F to 158°F	50°C to 70°C / 122°F to 158°F
Cold Water Temperature	< 30°C / 86°F	< 30°C / 86°F
Inlet Water Pressure	1 - 10 bar / 14.5 - 145 psi	1 - 10 bar / 14.5 - 145 psi
Drain	2 cm / 3/4"	2 cm / 3/4"
<b>MISCELLANEOUS:</b>		
Cleaning Solution Dose Per Cycle	60 mL / 2 fl. oz. (Regular or HD)	152 mL / 5.2 fl. oz. (HD)
Water Softener Capacity	0.5 kg / 1.1 lbs. salt	1 kg / 2.2 lbs. salt
<b>ORDERING INFORMATION:</b>		
	C51w-D01	L110w-D01
	includes two STATIM 2000 baskets and trolley.	includes 5-cassette rack (full size), 5-cassette rack (half size), basket with hinged lid, hygiene basket, 1 bottle of HIP solution, 1 kg bag of water softening salt, upper trolley and lower trolley.

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