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EN 15883 Compliant

SciCan
HYDRIM G4

Washer-Disinfector



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LEADERSHIP
in Infection Control

Instrument washing is the first step in the sterilisation process, which minimizes the physical handling of instruments and the many steps involved with manual cleaning such as pre-soaking, scrubbing and drying instruments. In addition to meeting the requirements of various guidelines and controls, automated washing and disinfection provides a safe, effective and efficient way to clean instruments, allowing staff to focus on the most important thing in the dental office, the patient.

Through a sustained legacy of product innovation and refinement, SciCan developed the HYDRIM Washer-Disinfector, which provides a suitable solution for nearly every office.

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Originally founded in 1957, SciCan develops and manufactures highly innovative infection control products that address the need for speed, flexibility, and efficiency in today's environments.

In 1989, SciCan developed and produced an internationally recognized infection control innovation, the STATIM Cassette Autoclave. Over the next quarter century, SciCan continued to be at the forefront of technology with the release of the HYDRIM Instrument Washer-Disinfector, BRAVO Chamber Autoclaves, and G4 Networking Technology.

SciCan is a global leader in infection control specializing in dentistry and ophthalmology in more than 100 countries around the world. The portfolio of products continues to grow to address market needs; with innovations such as the STATMATIC Smart, our handpiece cleaning and maintenance unit, and the OPTIM 1 Cleaner and Disinfectant.

In 2007, SciCan opened the European headquarters, located in Germany. Our team consists of highly motivated and technically informed individuals whose network of authorities, infection control specialists and other manufacturers allow us to provide legally compliant and evidence-based information. We work closely with specialists in the dental and medical field, enabling us to provide practical guidance and help drive product improvements that will benefit our customers.

It is very important to me and my team, especially in the time of online sales, to offer you not only the best products but also a service that makes our customers feel well advised and cared for. Please don't hesitate to contact our office for any infection control related questions.

All the best,

Stefan Helsing (Managing Director)

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HYDRIM C61WD G4

Instrument Washer-Disinfector

HYDRIM G4 automated instrument washer-disinfector, the first step in the sterilisation process.

Reliable

HYDRIM G4 is designed in accordance with EN ISO 15883. The washer- disinfector has validated cycles to ensure repeatable performance. HYDRIM meets all EU Standards and RKI Requirements related to washer-disinfectors.

Safe

Automated washer-disinfectors reduce physical handling of instruments, decreasing the risk of exposure and injuries.
HYDRIM G4 ensures that every set of instruments receive the same validated cleaning process by dosing the correct amount of detergent with each cycle.

Dry

Active air drying technology with hepa filter quickly dries the instruments and allows them to immediately be transferred to the next step of instrument reprocessing, sterilisation.

Capacity

The HYDRIM C61WD offers various options for baskets and adaptors to ensure you have a unit that meets the need of any practice. It has a 6 full-size cassette capacity, allowing offices to turn over 120 instruments in just 60 minutes – start to dry.*

Compact Design

The HYDRIM C61WD, designed as a table top unit, has the cleaning solution stored in the unit, so there is no extra storage space required.

G4 Technology

Allows for reliable load release; connects and sends cycle data to your smart devices or computer, providing easily accessible cycle data, maintenance information and service logs.
Should you wish, G4 technology can connect your HYDRIM to specialized technicians, which allows for remote support.

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

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HYDRIM C61WD G4

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Cleaning



Cleaning is one of the most important steps in the instrument reprocessing procedure. In order to achieve effective disinfection and sterilisation, the instruments need to properly be cleaned first. Washer-Disinfectors have been proven to be the most safe and effective way to clean and disinfect instruments, which is supported by many regulating authorities and dentists worldwide.

The powerful cleaning and disinfection unit HYDRIM C61WD is made of robust stainless steel and offered with a comprehensive range of accessories, provides a solution for almost every office. No extra detergent space is required as the patented cleaning solution is stored inside the unit. HYDRIM washer-disinfectors are user-friendly, safe and effective, allowing for thorough cleaning as well as thermal disinfection at 93°C.

By default all HYDRIM units offer active air drying with a HEPA filter, protecting instruments from recontamination and corrosion. As standard, the trolleys and the dosing pump for the liquid cleaner are also included in the scope of delivery.

Conformity

HYDRIM C61 WD G4 is produced in conformity with the following directives and standards:

93/42/EEC	Medical device class IIa (European Directive for Medical Devices)
EN ISO 15883-1/-2	Washer-Disinfectors
EN 61010-1 /-2-040	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use
EN 61326-1	Electrial equipment for measurement, control and laboratory use – EMC requirements
EN 1717	Protection against Pollution of Potable Water
EN ISO 13485:2016	Medical devices – Quality management systems – Requirements for regulatory purposes
EN ISO 14971:2012	Application of risk management to medical devices
KIWA certified	

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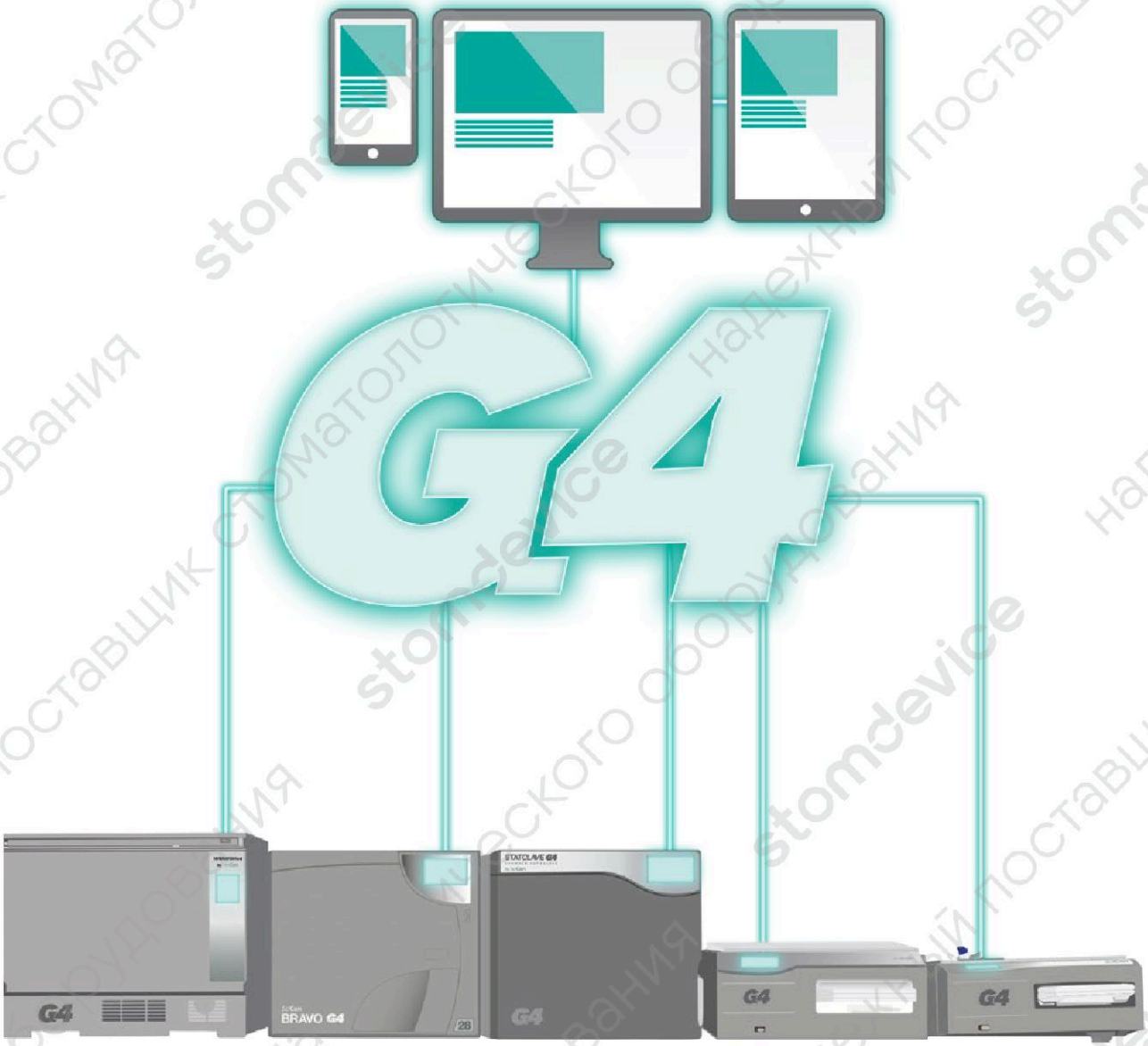
G4 Technology

A special feature of HYDRIM units is the innovative G4 technology.
A large touch screen provides in-depth cycle info and allows users to view current operation.

With an integrated Ethernet port, HYDRIM can connect to the office network and send cycle data to your smart devices or computer, providing easily accessible cycle data, maintenance information and service logs.

To help optimize office processes, the HYDRIM's can be configured to email cycle information or error messages directly to office staff or service technicians. Cycle data is automatically saved internally, on a USB and can also be emailed or printed with a network printer, a feature that has been specifically designed for meeting the growing legal demand of physical documentation of cycle data.

The HYDRIM G4 units have a traceability features that requires a user code when releasing a load.



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HYDRIM C61WD 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
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.
** This cycle DOES NOT provide disinfection and is not available for use. This cycle can added by a technician.
† Water consumption includes drying
‡ Electrical requirements are model specific

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HYDRIM C61WD Rack Configurations

Configuration 1





3 Cassette / 2 Basket Rack
01-113253



Handpiece system LCS
01-113625



Vertical Instrument Rack
01-113255



Bar for Scaler Tip with Torque Tool
01-114841

Additional Accessories

Adapter for Handpieces
01-114845

Metal Plate Holder for Bars
01-114846

Configuration 2





Handpiece system LCS
01-113625



Vertical Instrument Rack
01-113255



Bar for Scaler Tip with Torque Tool
01-114841



STATIM 2000 Basket
01-107240



Basket Rack
01-113257



Lower Trolley Basket
01-114942

Additional Accessories

Adapter for Handpieces
01-114845

Metal Plate Holder for Bars
01-114846

Configuration 3





3 Cassette / 2 Basket Rack
01-113253



Handpiece system LCS
01-113625



Bar for Scaler Tip with Torque Tool
01-114841



Multi-Use Bar Accessory
01-114842

Additional Accessories

Adapter for Handpieces
01-114845

Metal Plate Holder for Bars
01-114846

Adapter for Surgical Suction Tubes
01-114844

Configuration 4





Full Basket
01-113545



Basket Rack
01-113257



STATIM 2000 Basket
01-107240



STATIM 5000 Basket
01-107241

More loading samples available upon request.

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HYDROS - Water Treatment System

for use with washer-disinfector

Bad water quality can lead to discoloration and calcium deposits in the machine. Connecting the washer-disinfector to a R/O water treatment system is therefore recommended to achieve optimal cleaning and support the longevity of your machine.

Demineralized water (R/O water) is also recommended in the RKI guideline from 2012 (Hygiene requirements for the reprocessing of medical devices) for the final rinse in washer-disinfectors.

HYDROS has a special multi-layered filter that removes several unwanted components of the water, step by step.



User Friendly Operation

Easy exchange of the filter cartridge

Space Saving Installation

Horizontal and vertical installations possible

Easy To Use

Suited for units with hot water connection (up to 60°C)

Technical Specifications	
Capacity at a carbonate hardness of 10° dH *	5000 l
Operating pressure	6 bar
Water intake temperature	4 – 60°C
Flow at 1 bar pressure loss	850 l/h
Nominal flow	300l/h
Pressure loss at nominal flow	0.45 bar
Dimensions (width/depth/height)	288/255/550 mm
Weight (dry/wet)	18 / 24 kg
Connections (input/output)	G1" / G3/4"

* The stated capacity is a guide value only, that may vary by +/- 20% depending on local water quality and machine type.

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SciCan's Full Spectrum Solutions

Helping you get the most out of your sterilisation area and the equipment you put in it.



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