# Eschmann Technologies Limited
## Animal Health Infection Control Product Guide.

# Contents

Welcome to the Eschmann Animal Health Infection Control Product Guide, showcasing our compliant, validated decontamination equipment, consumables and test devices, giving you peace of mind that your practice is fully compliant.

**Read our Terms & Conditions online at www.eschmann.co.uk/animal-health-solutions.**

# You get so much more as standard with equipment from Eschmann.

We offer unbeatable value and a comprehensive package that includes all the benefits of Care & Cover for your first year, completely free of charge. With free installation and all the support, training and protection you need - there's no better time to invest in decontamination equipment that's fully compliant.

**To learn more, please visit us at www.eschmann.co.uk/animal-health-solutions or call 01903 875787.**

# EVA 23B
# 23 Litre Vacuum Autoclave

**The EVA 23B is a 23 litre vacuum autoclave with one-touch operation and fast cycles, ensuring it meets the needs of a demanding animal healthcare facility.**

- Offers a choice of both 'B' and 'N' type cycles
- Longer EVA 23B tray (38 cm x 19 cm) enables more instruments to be processed at one time
- High performance vacuum pump to help with noise reduction during cycles
- Innovative pre-heat feature reduces cycle times by up to 15 minutes
- Easily accessible fresh water reservoir with water quality sensor
- Clear, LED display shows a dynamic graph of the whole sterilisation process, including hold times, temperature and pressure
- Short USB drive allows for easy download of each sterilisation cycle whilst fitting neatly under the maintenance door during use

## Technical Specifications

| Cycle Information | |
|---|---|
| **Autoclave Type** | 'B' Type vacuum autoclave |
| **Cycle Times** | 'B' type cycles from 35 mins (without drying) <br> 'N' type cycles from 25 mins (without drying) <br> **Note:** pre-heat feature can speed up cycles by up to 15 mins |
| **Furniture Rack Configuration** | **Instrument Trays:** 5 x long trays for EVA 23B <br> Option to rotate the furniture rack to accommodate alternative tray configurations |
| **Load Type** | Solid, hollow, unwrapped, wrapped and porous loads |
| **Dimensions and Weight** | |
| **Chamber Volume** | 23 litres |
| **Load Capacity** | Wrapped up to 4 kg, solid 5 kg |
| **External Dimensions** | 690 mm (d) x 490 mm (w) x 455 mm (h) |
| **Chamber Dimensions** | 247 mm (diameter) x 450 mm (depth) |
| **Water and Reservoir** | |
| **Water Quality** | The EVA 23B requires water treated by the Reverse Osmosis (RO) process, distilled water or deionised water and must be less than 15PPM/30µs |
| **Water Reservoirs** | Fresh: 2500 ml (max), Waste: 2000 ml (max) |
| **Electrical** | |
| **Power Supply** | 230v 13amp |

Trays shown for illustrative purposes only

The EVA 23B includes: Mains Lead, User Manual, USB Memory Stick for Cycle Data, Manual, Reservoir Drain Tube, Spare Door Seal, Tray Carrier, Tray Lifter, 3 x Long Tray for EVA 23B (38 cm x 19 cm)

# Enbio Handpiece Steriliser
# 2.7 Litre 'B' Type Vacuum Autoclave

**The Enbio is the fastest autoclaves in the world, featuring a sleek design and cycles from 7 minutes.**

- Fast cycles allow you to quickly sterilise handpieces
- Enbio magic filter helps to decrease your water consumption
- Quiet operation - cycles are <40dB, which is the equivalent of an electric toothbrush
- Enbio features a modern touchscreen with intuitive software
- Compact design allows Enbio to easily fit into any practice, including those where space is limited
- Includes USB cycle logging which helps to reduce time for your staff when undertaking the required daily/weekly tests
- Available to purchase online

## Technical Specifications

| Cycle Information | |
|---|---|
| **Autoclave Type** | 'B' Type Vacuum Autoclave |
| **Cycle Times*** | Unwrapped: from 7 minutes<br>Wrapped, 134°C: from 15 minutes<br>Wrapped, 121°C: from 30 minutes<br><br>**Note:** Cycle times listed are from cold chamber. Cycle times may decrease when chamber is warm from previous cycles. |
| **Load Type** | Solid, hollow, unwrapped, wrapped and porous loads |
| **Dimensions and Weight** | |
| **Chamber Volume** | 2.7 litres |
| **Load Capacity** | 8 x pouches, 0.5 kg maximum total load |
| **External Dimensions** | 252 mm (w) x 162 mm (h) x 561 mm (d) |
| **Chamber Dimensions** | 192 mm (w) x 45 mm (h) x 292 mm (d) |
| **Water and Reservoir** | |
| **Water Quality** | RO, demineralised or distilled water |
| **Water Reservoirs** | A single reservoir will be supplied with each Enbio and Enbio PRO. However, where a user prefers separate fresh & waste water reservoirs, then 2 reservoirs can be used.<br>Please contact Eschmann to purchase additional reservoirs. |
| **Electrical** | |
| **Power Supply** | 230v 13amp |

Enbio autoclaves include: UK Mains Lead, User Manual, HEPA Filter, 1 x 2.5 Litre Reservoir, Magic Filter, Blue Feed Water Hose, Red Waste Hose, Bung for Reservoir, USB Stick with Cycle Data Viewer Software

*Cycle times dependent on type, composition of load and conditions

# Little Sister SES 3020B
## 23 Litre Vacuum Autoclave

**The SES 3020B, offers a larger 23 litre capacity chamber enabling more instruments to be processed at one time, as well as longer instruments up to 370 mm in length.**

- Rapid vacuum cycles optimised, dependent on composition of load
- Longer tray available with capacity to process instruments up to 370 mm long
- User password protected cycle verification
- Unique post sterilisation air detection to guarantee sterile loads
- Colour touch panel with easy read display
- Single use, 'Clean Steam' system with water quality monitoring
- Easy access drain points with direct drain option
- User replaceable bacterial air filter and door seal
- Integral data download via USB for essential record keeping, with ability to upgrade to MyEschmann Hub with MyEschmann Cloud cycle data management

## Technical Specifications

| Cycle Information | |
|---|---|
| **Autoclave Type** | 'B' Type vacuum autoclave |
| **Cycle Times** | 134°C or 121°C Self Checking cycles with optional drying<br>'B' type cycles from 48 mins (with drying)<br>'N' type cycles from 31 mins (with drying) |
| **Furniture Rack Configuration** | **HFiT Plus Cassettes:** 15 x HFiT-10 Plus *or* 5 x HFiT-20 Plus & 5 x HFiT-5 Plus *or* 20 x HFiT-5<br>**Instrument Trays:** 10 x examination trays *or* 5 x standard Trays *or* 5 x long Trays |
| **Load Type** | Solid, hollow, unwrapped, wrapped, porous loads and implant kits |
| **Handpiece Cycle** | Unique 'B' type vacuum cycle for multiple hollow instruments |
| **Dimensions and Weight** | |
| **Chamber Volume** | 23 litres |
| **Load Capacity** | 6 kg |
| **External Dimensions** | 640 mm (d) x 500 mm (w) x 500 mm (h) |
| **Chamber Dimensions** | 250 mm (diameter) x 452 mm (depth) |
| **Water and Reservoir** | |
| **Water Quality** | All Eschmann autoclaves require water treated by the Reverse Osmosis (RO) process, distilled water or deionised water and must be less than 7PPM/15µs |
| **Water Reservoirs** | Fresh: 3800 ml (max), Waste: 4400 ml (max) |
| **Electrical** | |
| **Power Supply** | 230v 13amp |

**SES 3020B** 23 litre

Trays shown for illustrative purposes only

Little Sister SES 3020B autoclaves include: Mains Lead, User Manual, USB Stick with Digital Manuals, Wall Chart, Reservoir Drain Tube, Drain Plugs, Tray Carrier, Levelling Kit, Tray Lifter, Pouch Rack Essential Helix Test and 2x Long Trays (38cm x 19cm)

# Little Sister SES 3000B
## 17 Litre Vacuum Autoclave

**The SES 3000B, 17 litre vacuum autoclave guarantees the sterility of every cycle - the result of cycle verification and post sterilisation air detection technology.**

- Rapid vacuum cycles optimised with selectable drying optimised to the weight of the instrument load
- User password protected cycle verification
- Unique post sterilisation air detection provides real-time self checking verification of every stage of the cycle
- Colour panel with easy read display
- Easy access drain points with direct drain option
- User replaceable bacterial air filter and door seal
- Extended sterilisation and drying cycles for implant kit processing
- Integral data download via USB for essential record keeping, with ability to upgrade to MyEschmann Hub with MyEschmann Cloud cycle data management

## Technical Specifications

| Cycle Information | |
|---|---|
| **Autoclave Type** | 'B' Type vacuum autoclave |
| **Cycle Times** | 134°C or 121°C Self Checking cycles with optional drying<br>'B' type cycles from 33 mins (with drying)<br>'N' type cycles from 24 mins (with drying) |
| **Furniture Rack Configuration** | **HFiT Plus Cassettes:** 10 x HFiT-10 Plus *or* 5 x HFiT-20 Plus *or* 15 x HFiT-5 Plus<br>**Instrument Trays:** 10 x examination trays *or* 5 x standard trays |
| **Load Type** | Solid, hollow, unwrapped, wrapped, porous loads and implant kits |
| **Handpiece Cycle** | Unique 'B' type vacuum cycle for multiple hollow instruments |
| **Dimensions and Weight** | |
| **Chamber Volume** | 17 litres |
| **Load Capacity** | 5 kg |
| **External Dimensions** | 540 mm (d) x 500 mm (w) x 460-500 mm (h) |
| **Chamber Dimensions** | 250 mm (diameter) x 350 mm (depth) |
| **Water and Reservoir** | |
| **Water Quality** | All Eschmann autoclaves require water treated by the Reverse Osmosis (RO) process, distilled water or deionised water and must be less than 7PPM/15µs |
| **Water Reservoirs** | Fresh: 3800 ml (max), Waste: 4400 ml (max) |
| **Electrical** | |
| **Power Supply** | 230v 13amp |

**SES 3000B** 17 litre

Trays shown for illustrative purposes only

Little Sister SES 3000B autoclaves include: Mains Lead, User Manual, USB Stick with Digital Manuals, Wall Chart, Reservoir Drain Tube, Drain Plugs, Tray Carrier, Levelling Kit, Tray Lifter, Pouch Rack Essential Helix Test, 1x Standard Tray (28 cm x 18 cm) and 1x Examination Tray (14 cm x 18cm)

# Little Sister SES 2020N
# 17 Litre Non-vacuum Autoclave

**One-touch operation, 17 litre capacity and fast cycles ensure the SES 2020N meets the demanding needs of today's busiest animal healthcare facility.**

- Rapid cycles optimised with selectable drying optimised to the weight of the instrument load
- User password protected cycle verification
- Real-time self checking verification of every stage of the cycle
- Colour panel with easy read display
- Easy access drain points with direct drain option
- User replaceable bacterial air filter and door seal
- Integral data download via USB for essential record keeping, with ability to upgrade to MyEschmann Hub with MyEschmann Cloud cycle data management

## Technical Specifications

| Cycle Information | |
|---|---|
| **Autoclave Type** | 'N' Type Non-vacuum autoclave |
| **Cycle Times** | 134°C or 121°C Self Checking cycles, from 19 minutes, Option to disable drying available. Active closed door drying with 10 minute Eco drying mode |
| **Furniture Rack Configuration** | **HFIT Plus Cassettes:** 10 x HFiT-10 Plus or 5 x HFiT-20 Plus or 15 x HFiT-5 Plus. **Instrument Trays:** 10 x examination tray or 5 x standard trays |
| **Load Type** | Solid unwrapped instruments |
| **Dimensions and Weight** | |
| **Chamber Volume** | 17 litres |
| **Load Capacity** | 5 kg |
| **External Dimensions** | 540 mm (d) x 500 mm (w) x 460-500 mm (h) |
| **Chamber Dimensions** | 250 mm (diameter) x 350 mm (depth) |
| **Water and Reservoir** | |
| **Water Quality** | All Eschmann autoclaves require water treated by the Reverse Osmosis (RO) process, distilled water or deionised water and must be less than 7PPM/15µs |
| **Water Reservoirs** | Fresh: 3800 ml (max), Waste: 4400 ml (max) |
| **Electrical** | |
| **Power Supply** | 230v 13amp |

**SES 2020N**
**17 litre**

Trays shown for illustrative purposes only

Little Sister SES 2020N autoclaves include: Mains Lead, User Manual, USB Stick with Digital Manuals, Wall Chart, Reservoir Drain Tube, Drain Plugs, Tray Carrier, Levelling Kit, Tray Lifter, 1 x Standard Tray (28 cm x 18 cm) and 1 x Examination Tray (14 cm x 18cm).

# Little Sister SES 2010 Touchscreen
## 11 Litre Non-vacuum Autoclave

**The 11 litre capacity, simple operation and fast cycles ensure the SES 2010 series autoclaves are a great choice for many animal healthcare facilities.**

- Rapid cycles optimised with selectable drying optimised to the weight of the instrument load
- User password protected cycle verification
- Colour panel with easy read display
- Easy access drain points with detachable drain tube
- User replaceable door seal
- Integral data download via USB for essential record keeping, with ability to upgrade to MyEschmann Hub with MyEschmann Cloud cycle data management



## Technical Specifications

| Cycle Information | |
| --- | --- |
| Autoclave Type | 'N' Type non-vacuum autoclave |
| Cycle Times | 134°C cycle with and without drying<br>'N' type cycles from 11 mins (without drying) |
| Furniture Rack Configuration | **HFiT Plus Cassettes:** 6 x HFiT-10 Plus *or* 2 x HFiT-20 Plus<br>**Instrument Trays:** 6 x examination trays *or* 2 x standard trays and 2 x examination trays |
| Load Type | Solid unwrapped instruments |
| **Dimensions and Weight** | |
| Chamber Volume | 11 litres |
| Load Capacity | 4.5 kg |
| External Dimensions | 468 mm (d) x 460 mm (w) x 360 mm (h) |
| Chamber Dimensions | 200 mm (diameter) x 350 mm (depth) |
| **Water and Reservoir** | |
| Water Quality | All Eschmann autoclaves require water treated by the Reverse Osmosis (RO) process, distilled water or deionised water and must be less than 7PPM/15µs |
| Water Reservoirs | 2500 ml |
| **Electrical** | |
| Power Supply | 230v 13amp |



**SES 2010 11 litre**

Trays shown for illustrative purposes only

Little Sister SES 2010 Touchscreen autoclaves include: Mains Lead, User Manual, USB Stick with Digital Manuals, Wall Chart, Reservoir Drain Tube, Drain Plug, Tray Carrier, Levelling Kit, Tray Lifter, 1 x Standard Tray (28 cm x 18 cm) and 1 x Examination Tray (14 cm x 18cm).

# Care & Cover protection for your new Eschmann equipment.

Eschmann Care & Cover gives you peace of mind that your decontamination equipment is fully compliant, whilst providing all the technical support you need through our nationwide team of Eschmann engineers.

With no hidden charges, Eschmann Care & Cover includes:

- ✓ Annual Validation & Pressure Vessel Certification
- ✓ Annual Service & Software Upgrade
- ✓ Unlimited Breakdown Cover
- ✓ Unlimited Eschmann Parts & Labour
- ✓ Nationwide On-Site Support
- ✓ Verifiable CPD User Training
- ✓ Technical Telephone Support

**To learn more, please visit us at www.eschmann.co.uk/animal-health-solutions or call 01903 875787.**

# Reverse Osmosis (RO) Water System
## including UV Light

**The Eschmann RO water system provides an on demand source of high quality, purified water for use within the practice.**

- Suitable for connection to all mains cold water supplies
- Removes the need to buy and store expensive bottled water
- Filters out minerals, TDS (totally dissolved solids), bacteria and microorganisms
- Fits neatly and discretely into any available cupboard space
- Simple connection to a mains cold water supply and easy to replace filters
- WRAS compliant backflow protection
- DIRM Filter and UV light covering the UK mains water quality
- Choice of dispensing systems for easy fill of autoclaves and other equipment
- Rapid return on investment, often in less than 12 months



| Technical Specifications | |
|---|---|
| **Water Tank Size** | 12 litre or optional 60 litre water tank |
| **External Dimensions** | 400 mm (h) x 320 mm (w) x 200 mm (d) |
| **Electrical** | 230v 13amp socket (within 1.0m) |

All RO Water Systems include 12 litre water tank, trigger dispensing tap and 3.0m hose

**Optional:** Swan Neck counter top tap available

# Miele PG 8581
# Underbench Washer Disinfector

**Large capacity, free standing washer disinfector for effective cleaning and disinfection of contaminated instruments.**

- Internal baskets configured specifically for veterinary practices
- Cycle provides heavy duty cleaning, disinfection & drying in under an hour
- Real-time recording of all cycles using MyEschmann Hub with MyEschmann Cloud cycle data management (optional extra)
- Touch control panel with easy read display
- Auto-close door with automatic locking and one-button push to open the door
- Lifetime water filter
- Built-in water softener - crucial in hard water areas
- Easy access door mounted salt containers
- RO (Reverse Osmosis) water ready system for purified rinse
- Eco drying system with automatic door opening
- Integral detergent & rinse aid dosing and monitoring systems
- Validated, two part detergent & rinse aid system
- WRAS approved with integral mains water back-flow prevention system

| Technical Specifications | |
|---|---|
| **Heavy duty wash, disinfection and drying time** | 50 minutes |
| **Pump** | 500/lpm high pressure pump with pressure drop monitoring |
| **External Dimensions** | 835 mm (h) x 600 mm (w) x 600 mm (d) |
| **Water type** | Cold water fill and separate RO rinse water fill (if required) Waste water outlet |
| **Water pressure** | Min 1.0 bar - Max 10 bar |
| **Electrical** | 230v 32amp |

Miele PG8581 washer disinfectors include 1 x upper basket, 1 x lower basket, 2 x half width mesh tray *plus* 1 x detergent (5L), 1 x rinse aid, 1 x pellet salt (10kg), 2 x additional instrument baskets and 1 x washer disinfector log book

**Optional:** MyEschmann Hub with MyEschmann Cloud cycle data management

# Hydrim C61 WD
# Benchtop Washer Disinfector

**Advanced benchtop washer disinfector, ideal for practices where space is at a premium**

- Stainless steel benchtop unit suitable for busy, single surgery practices
- Cycle provides heavy duty cleaning, disinfection & drying in under an hour
- Integral data download via USB for essential cycle record keeping
- Colour touch control panel with easy read display
- Double spray arm monitoring
- Reusable water filter
- Built-in water softener - crucial in hard water areas
- Easy access salt container
- RO water ready system for purified rinse
- Active, closed door drying
- Integral detergent dosing and monitoring system
- Dedicated 4-in-1 detergent system using single-use pouches
- WRAS approved with integral mains water protection system

| Technical Specifications | |
|---|---|
| **Compliant Thermal Disinfection Cycle time** | 1 Hour |
| **Pump** | 350/lpm high pressure pump with pressure drop monitoring |
| **External Dimensions** | 520 mm (h) x 598 mm (w) x 526 mm (d) |
| **Water type** | Cold or hot water fill and separate RO rinse water fill (if required)<br><br>Waste water outlet |
| **Water pressure** | Min 1.0 bar - Max 10 bar |
| **Electrical** | 230v 13amp |

C61 washer disinfectors include 1 x 3 cassette/2 basket rack and
1 x mesh instrument basket plus 8 x HIP Ultra solution pouches and
1 x washer disinfector log book

# MyEschmann Hub
## With MyEschmann Cloud cycle data management

**Upgrade your equipment\* with the MyEschmann Hub & MyEschmann Cloud for wireless cycle data recording, eliminating the need for manual recording of daily and weekly test cycles. This saves your staff time and reduces costs for your practice.**

- **Wireless Cycle Data Recording:** Automatically records all cycles, with the ability to log your daily and weekly tests and checks, upload images of the test strips and export an e-logbook of your weekly records via MyEschmann Cloud.

- **User-Friendly Data Management:** Manage your data with ease through the MyEschmann Cloud, accessible from any device via a web browser (phone, tablet, computer). No software installation required.

- **Flexible Data Upload Options:** The MyEschmann Hub can be connected to Wi-Fi or Ethernet for automated cycle uploads to the MyEschmann Cloud. Cycle data can also be uploaded via USB to the MyEschmann Cloud.

- **Easy Installation:** Quick and simple setup with no engineer required.

- **Secure Data Storage:** Your data is securely stored in the MyEschmann Cloud, with no need for backups.

*\*Not currently validated for use with the Hydrim C61 benchtop washer disinfector*

# Martel RS232 Thermal Printer

**The Martel RS232 is an easy to use thermal printer that can be connected to your Little Sister autoclave or washer disinfector.**

- Easy-load paper feature
- High speed, high resolution printing capability
- RS232 interface
- Ultra-compact and light weight
- 24, 32 or 48 characters per line
- Quiet, non-impact system
- Maintenance free

# A variety of options are available to finance your new Eschmann equipment.

Once you have made the decision to invest in new Little Sister Equipment, you can choose the payment method which best suits your budget.

**Pay in Full**

✓ Includes a comprehensive guarantee and 1 year of Care & Cover free of charge
✓ No additional interest charges
✓ Options (where applicable) to add an additional 2-3 years Care & Cover at preferential rates

**Comprehensive, All-Inclusive Leasing**

✓ Spread the cost of new equipment and comprehensive Care & Cover protection over the full duration of the lease
✓ 36, 60 or 84 month terms
✓ Rates fixed for the duration of the term to avoid annual price increases
✓ End of term options include:
   … Start again with new equipment and Care & Cover protection
   … Buy the equipment outright
   … Return the old equipment with nothing else to pay

**Contact Eschmann on 01903 875787 to enquire about your purchasing options and next steps.**

# Testing & Validation
## Autoclaves

**Essential test devices and indicators have been validated for use with Eschmann equipment to allow you to perform your daily tests and keep your equipment compliant.**

- The most accurate, effective and affordable solutions for conducting your daily/weekly testing
- Ensures the ongoing effectiveness of the autoclave's sterilising capability
- To be used alongside the MyEschmann Hub and MyEschmann Cloud cycle data management

## Ordering Information

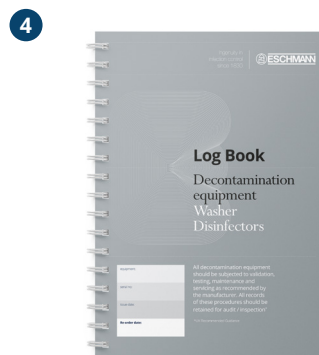| Part No. | Description | |
|----------|-------------|---|
| 8793547 | Essential TST (for 'N' type non-vacuum cycles) x 250 | 1 |
| 8793436 | Essential Helix Test (for 'B' type vacuum cycles) x 250 | 2 |
| 119858 | Autoclave Log Book for logging 52 weeks of daily/weekly test cycle data - Vacuum models | 3 |
| 119857 | Autoclave Log Book for logging 52 weeks of daily/weekly test cycle data - Non-vacuum models | 4 |

# Testing & Validation
## Washer Disinfectors

**Essential test devices and indicators have been validated for use in washer disinfectors to allow you to perform your daily tests and to meet relevant requirements.**

- The most accurate, effective and affordable solutions for conducting your daily/weekly testing
- Ensures the ongoing effectiveness of the washer disinfectors cleaning and disinfection capability
- To be used alongside the MyEschmann Hub and MyEschmann Cloud cycle data management

### Ordering Information

| Part No. | Description | |
|----------|-------------|---|
| 8793193 | Essential WashClean Indicators x 25 | 1 |
| 3371 | Essential Protein Test Pen x 25 | 2 |
| 8793228 | Essential WashClean Holder 1 x Metal Basket with Clip | 3 |
| 119859 | Washer Disinfector Log Book for logging 52 weeks of daily/weekly test cycle data | 4 |

# Washer Disinfector Detergents

**All Dr Weigert detergents from Eschmann are validated for use with Miele washer disinfectors.**

### Dr Weigert Neodisher Z Neutraliser 5 Litres (red top)
· Provides approx. 225 wash cycles per 5 litre bottle
· Part no. 8743896

### Dr Weigert Neodisher MediClean Detergent 5 Litres (blue top)
· Provides approx. 90 wash cycles per 5 litre bottle
· Part no. 8742785

### Dr Weigert Neodisher MediKlar Rinse Aid 5 Litres (black top)
· Provides approx. 1,250 wash cycles per 5 litre bottle
· Part no. 407333

### Pellet Salt (10kg)
· Validated for use with Miele PG8581 and Hydrim C61washer disinfector
· Part no.113419

### HIP Ultra Solution (x 8 pouches)
· All-in-one detergent, neutraliser, rinse aid and corrosion inhibitor
· Validated for use with Hydrim C61 washer disinfector
· Part no. 8948750

**Note:** Please check the solutions suitable for your washer disinfector to confirm you are ordering the exact same one. Alternatively, please call your local engineer or call our customer support team on 01903 753322 for advice on what solution your washer disinfector requires.

# Instrument Management

**Eschmann has a range of instrument management systems that are simple, effective and most importantly compliant, helping to suit the needs of your clinical environment.**

## Instrument Trays

- Suitable for use in vacuum and non-vacuum autoclaves
- Examination trays hold enough instruments for regular check-up procedures and can be assigned to individual patients, without compromising the capacity of the autoclave
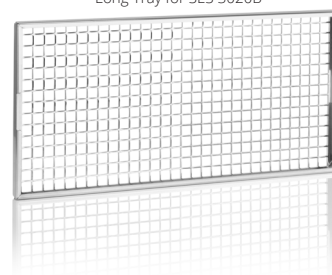
### Ordering Information

Replace x digit for: Silver -1; Blue -2; Red -3; Green -4; Yellow -5; Turquoise -6

| Part No. | Description | Size |
|----------|-------------|------|
| 872445x | Standard Tray (Aluminium) | 28 cm x 18 cm |
| 872446x | Examination Tray (Aluminium) | 14 cm x 18 cm |
| 8725450 | Standard Tray (Stainless Steel) | 28 cm x 18 cm |
| 8725460 | Examination Tray (Stainless Steel) | 14 cm x 18 cm |
| 8725470 | Long Tray for use with Little Sister SES 3020B | 38 cm x 19 cm |
| IC005905 | Long Tray for use with EVA 23B | 38 cm x 19 cm |

Long Tray for SES 3020B

HFiT 5 Plus

HFiT 10 Plus

HFiT 20 Plus

## HFiT Plus Instrument Cassettes

- Hands Free Instrument Transfer (HFiT) Plus Cassettes significantly reduce the risk of sharps injury whilst ensuring total cleaning efficacy
- Specifically designed to work with Eschmann ultrasonic cleaners, washer disinfectors and autoclaves, saving time and money

### Ordering Information

Replace x digit for: Blue -2; Red -3; Green -4; Yellow -5; Silver -6, White -8

| Part No. | Description |
|----------|-------------|
| 872280x | HFiT-5 Plus Compact Cassette |
| 872281x | HFiT-10 Plus Compact Cassette |
| 872282x | HFiT-20 Plus Compact Cassette |

## Dental & Surgical Burr Holders

- Stainless steel burr holders with silicone plugs securely and safely hold any combination of FG and CA burrs, reducing the risk of sharps injury during transfer
- The cover can be used to order the burrs flat or at an angle

### Ordering Information

Replace 'x' with either: 2-Blue (dental burr holder only), 3-Red, 4-Green, 5-Yellow

| Part No. | Description |
|----------|-------------|
| 872021x | Dental Burr Holder |
| 872600x | Surgical Burr Holder |

Dental Burr Holder

# Little Sister UltraSONICA
## Ultrasonic Cleaners & Accessories

**The Little Sister range of stainless steel ultrasonic cleaners provide effective and reliable cleaning of dental instruments in the shortest possible time.**

- The Little Sister UltraSONICA uses the latest advanced Sweep System technology for faster and improved cleaning of instruments
- Incorporates the latest oscillator and transducer technologies with simple, easy to use controls
- UltraSONICA range offers faster, safer and better cleaning than more traditional ultrasonic cleaners
- Available in 3 sizes to suit different processing needs

## Technical Specifications

|  | 3 litre | 4.5 litre | 6 litre |
|---|---|---|---|
| Tank Dimensions (mm - w x l x d) | 240 x 170 x 260 | 300 x 150 x 100 | 300 x 240 x 100 |
| Overall Dimensions (mm- w x l x d) | 270 x 170 x 260 | 325 x 175 x 260 | 325 x 270 x 260 |
| Weight (kg) | 3.2 | 3.5 | 4.3 |

## Consumables & Accessories

| Part No. | Description |  |
|---|---|---|
| 010.008.0003 | Cleaning Test Strips x 200 | 1 |
| 090.004.0072 | Support Base for Cleaning Test x 1 | 2 |
| 3371 | Essential Protein Test Pen x 25 | 3 |
| 119878 | Ultrasonic Cleaner Log Book for logging 52 weeks of daily/weekly test cycle data | 4 |
| 090.004.0074 | Stainless Steel Container for Small Parts | 5 |
| 10.008.0002 | Cleaning Test Promo Kit - Includes: Cleaning Test Strips x20, Support Base x1 and Stainless Steel Container for Small Parts x1 | 6 |

# Miele Little Giant
## Laundry washers and dryers

**The Little Giant range features compact washing machines and tumble dryers for commercial use.**

- Reliability and longevity
- Tested to 30,000 wash cycles, equating to 8 cycles a day, every day, for 10 years
- Fast cycle times
- WRAS approved washers
- Stackable
- Easy to use

| Technical Specifications | PWM 307 [EL DP] Little Giant Evolution Washing Machine (Drain Pump) | PWM 507 [EL DV] Little Giant Washing Machine (Drain Valve) |
|---|---|---|
| Load Capacity | 7.0 kg | 7.0 kg |
| Drum Volume | 64 litres | 64 litres |
| WRAS | Cat 5 | Cat 5 |
| Honeycomb drum with perforated drum (rear panel) | ● | ● |
| Programme Packages | Household | Full suite* |
| Programme duration with cold water connection ** | 59 mins | 69 mins |
| Programme duration with cold and hot water connection ** | - | 59 mins |
| Hot water connection | - | ● |
| Spin Speed | 1,600 rpm | 1,600 rpm |
| g factor | 704 | 704 |
| Residue Moisture with Cold Rinse | 48% | 48% |
| External Dimensions (h x w x d) | 850 mm x 596 mm x 714 mm | 850 mm x 596 mm x 714 mm |
| Weight (Empty) | 98 kg | 98 kg |
| Electrical | 230V/50HZ - 13amp molded plug | 230V Available as Single Phase - 25amp or Three Phase - 13amp |
| Drainage Type | Drain pump | Drain valve |

*includes hygiene cycle which is compliant to HTM 01-04
** Note: dependent on load and environment

# Miele Little Giant
# Laundry washers and dryers

**The Little Giant range features compact washing machines and tumble dryers for commercial use.**

- Reliability and longevity
- Precision drying of all standard fabrics – PerfectDry
- Tested to 30,000 wash cycles, equating to 8 cycles a day, every day, for 10 years
- Fast cycle times
- Stackable
- Easy to use

| Technical Specifications | PDR 307 HP [EL] Little Giant Evolution Dryer (Heat-Pump) | PDR 307 [EL] Little Giant Evolution Dryer (Vented) |
|---|---|---|
| Load Capacity | 7.0 kg | 7.0 kg |
| Drum volume | 130 litres | 130 litres |
| Maximum evaporation capacity | 2.7 l/hour | 2.6 l/hour |
| Energy consumption for Normal programme | 0.17 kWh/kg | 0.49 kWh/kg |
| Programme Packages | Household | Household |
| Programme Duration on Normal Mixed Fabrics (40% RM) | 57 mins | 66 mins |
| Programmability | Programmable | Programmable |
| External Dimensions (h x w x d) | 850 mm x 596 mm x 777 mm | 850 mm x 596 mm x 717 mm |
| Weight (Empty) | 69 kg | 49 kg |
| Electrical | 230V/1N/50hz - Supplied with a molded 13amp plug | 230V Available as Single Phase - 25amp or Three Phase - 13amp |
| Drying System | Heat pump | Vented |
| Energy efficiency class | A++ (Higher power motor) | C |

\* Note: dependent on load and environment

# Novaerus Protect 200 & 800
## Air Disinfection Technology

**Novaerus air disinfection units use patented NanoStrike plasma technology that safely inactivates all airborne viruses and bacteria on contact.**

- NanoStrike™ is the unique, patented technology at the core of all WellAir portable air cleaning devices
- This nanotechnology inactivates airborne microorganisms on contact providing the first line of protection against viruses and bacteria
- Independently tested to reduce MS2 Bacteriophage, a commonly used surrogate for SARS-CoV-2 (COVID-19) by 99.99%*
- Ultra-low energy consumption
- Medical Grade Technology
- No harmful by-products
- Can be used 24/7, even around the most vulnerable patients
- No maintenance
- No consumables
- Low running costs
- The Novaerus Protect 800 is also available with wheeled or table top stand

**Novaerus Protect 200**

### Technical Specifications

|  | Novaerus Protect 200 | Novaerus Protect 800 |
|---|---|---|
| External Dimensions (mm - h x w x d) | 283 x 132 x 108 | 366 x 365 x 114 |
| Weight (kg) | 3.4 | 4.7 |
| Fan Air Flow Volume | 80 m³/hr | Speed I - 220 m³/hr Speed II - 260 m³/hr |

[1] J. Balarashti (2016) Determination of the Novaerus NV900 [US version of the NV800] System's Efficacy against Various Bioaerosols, Aerosol Research and Engineering Laboratories. Available at **https://www.novaerus.com/research/238**.

**Novaerus Protect 800**

# Eschmann Decontamination Guidance, for the safety of your patients & staff.

Effective instrument decontamination is essential to reduce the risk of cross infection between patients and members of the clinical team.

Our intuitive decontamination guidance will help you with implementing a dirty-to-clean decontamination process, and will help ensure the very best level of decontamination and ongoing compliance.

**To learn more, please visit us at www.eschmann.co.uk/animal-health-solutions or call 01903 875787.**

# VPX35 & VPX45
# Advanced Portable Suction & Accessories

**The VPX suction units are robust, simple to use, fully mobile and capable of achieving high flow rates.**

- Deliver a flow rate of >35 l/min - >44 l/min
- Simple and intuitive to use
- Fully mobile for maximum flexibility
- Easy clean design ensuring infection control compliance
- Oil-free precision vacuum pump delivering accurate levels of suction
- Pneumatic footswitch variants available
- Product includes disposable liners, which help to reduce the risk of cross-infection, and enable easy & safe disposal
- Controls, handles, jars & hydrophobic filter at a comfortable height for easy operation & mobility
- 4 locking wheels (conductive)

## Technical Specifications

| | |
|---|---|
| **Connectivity** | Up to 4 jars |
| **Filter** | Hydrophobic/bacterial filter |
| **Pump Type** | **VPX35** - 2-headed diaphragm pump<br>**VPX45** - 4-headed diaphragm pump |
| **Pump Performance** | **VPX35** - Airflow rate: >35 litres/min<br>Vacuum: 660 to 680 mmHg<br>Vacuum: 88 to 90.7 kPaG<br><br>**VPX45** - Airflow rate: >44 litres/min<br>Vacuum: 720 to 740 mmHg<br>Vacuum: 96 to 98.7 kPaG |
| **Dimensions (basic device)** | 360mm (w) x 500mm (l) x 880mm (h) |
| **Weight (bare unit)** | **VPX35** - 10.25 kg<br>**VPX45** - 10.5 kg |
| **Noise (during free flow)** | **VPX35** - <59 dB<br>**VPX45** - <57 dB |

## Consumables & Accessories

| Part No. | Description | |
|---|---|---|
| 8292361 | 2 Litre Suction Jar (each) | 1 |
| 8292357 | Standard 2 litre Liners for Standard Disposable Liner System (box of 30) | 2 |
| 8296185 | Sealed Disposable Hydrophobic Bacterial Filter (Pack of 10) | 3 |
| 216138 | Intermediate Tube Assembly (Pack of 10) | 4 |

# Surface Cleaning & Personal Protection

### Azo Universal Alcohol Free Cleaning & Disinfectant Wipes

- Saves time and money by using just one product to clean and disinfect a wide variety of instruments, equipment and hard surfaces
- 99.9999% effective against pathogens, validated to European standard EN 16615
- The recommended wipe for all Eschmann equipment
- Available in a tub containing 200 wipes (part no. AM200WCE) and a packet containing 50 wipes (part no. AM050NCE)

### Eschmann Hand Sanitiser

- Made to World Health Organisation recommended standards
- Contains 70% alcohol and kills 99.9% of bacteria and viruses
- Certified to European standards BS EN 1276 and BS EN 1500
- Includes coconut oil to protect your hands from damage caused by long term us
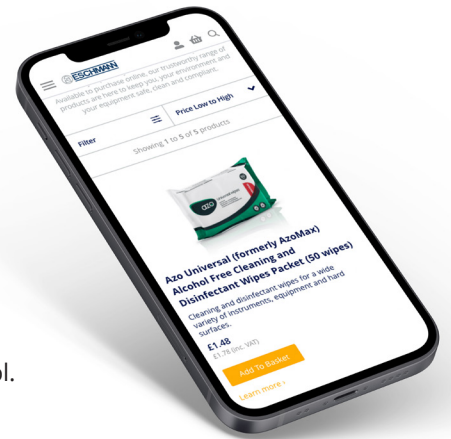
| Ordering Information | |
|---|---|
| **Part No.** | **Description** |
| HS500X1 | Hand Sanitiser 500ml (single unit) |
| HS500X6 | Hand Sanitiser 500ml (case of 6) |
| HS5LX1 | Hand Sanitiser 5 Litre |

# Purchase your Eschmann consumables & accessories online at eschmann.co.uk.

Never underestimate the importance of technical insight and knowledge. For years we have built our reputation and expertise from around the world in infection control. It means our customers get access to technology and a level of global knowledge, personal support and expertise that others just can't give.

**To learn more, please visit us at www.eschmann.co.uk/animal-health-solutions.**

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infection control
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