

Why Melag?

Read the philosophy of a family business

MELAG is an owner operated family business that has consistently focused its efforts on products for practice hygiene since the company was first founded in 1951. This focus has permitted us, as a medium-sized company, to continue to develop our products using a highly specialised development team so that they are market-ready and of a leading international standard.

We have constantly strived to enhance quality while delighting in innovation and combined this with the highest safety objectives, all of which have resulted in our position as world leader in the area of hygiene, having supplied over 450,000 devices to customers. Production is carried out exclusively by our 300 employees in Berlin in a premises of approximately 20,000 m².

We have never seriously considered relocating production to low-wage countries, although this practice is widespread elsewhere. Other firms have often reported that while this relocation leads to savings, quality is often compromised. We have also resisted the trend to expand our range of products that are not part of our core competency: surgical hygiene. We are convinced that consistent specialisation is a decisive criterion for the quality of our products. Our current mantra now and in the future shall remain:

"competence in hygiene" and most importantly: Quality - made in Germany

Things to consider when buying an Autoclave

1. What type of items are you sterilising?

Hollow, porous, cannulated items – you'll need a Class B Autoclave

Solid instruments – you'll need a Class S Autoclave

2. How many sterilising cycles do you perform per week?

This will be a determining factor in your choice of autoclave (i.e. cycle time, size, load of instruments).

3. Where are you planning to put your autoclave?

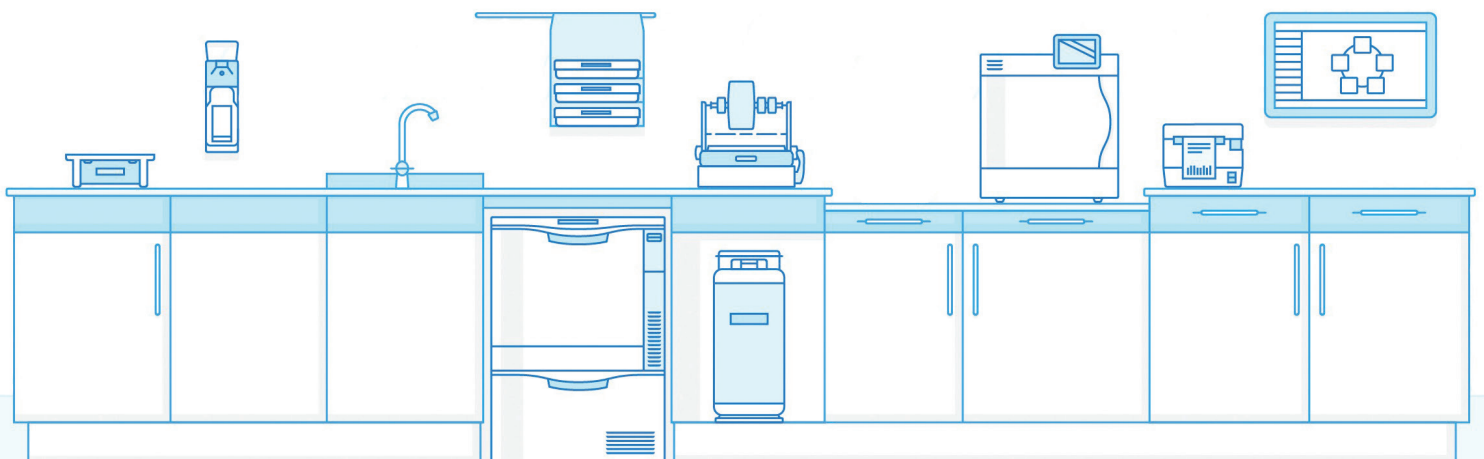
Your available bench space and ventilation are important factors

4. What does the calibration/installation and validation process entail?

The installation process confirms the autoclave is positioned with sufficient bench space and ventilation. Dedicated power outlets are checked and a sterilisation cycle is run to ensure no interference from other equipment in the practice.

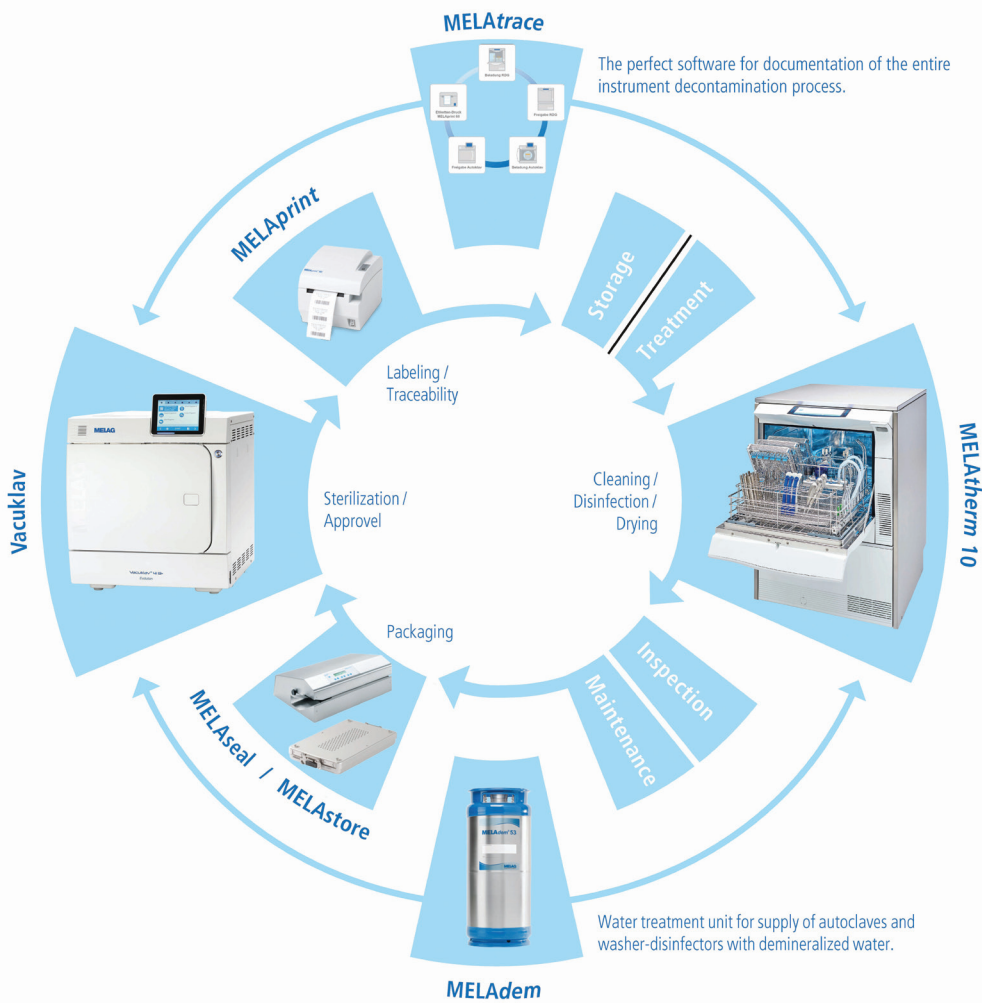
Validation determines your steriliser meets the criteria and performance capabilities. Validation should be completed annually or after any commissioning by technicians.

Installation and Validation of Instrument Processing equipment is a requirement of Australian and New Zealand standards AS/NZS 4815 & 4187.

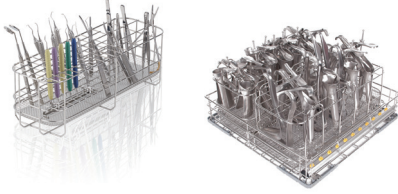


MELAG

competence in hygiene



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competence in hygiene



MELAtherm® 10

The washer-disinfector

With active drying and short operating times.

The MELAtherm 10 is a washer disinfector complying with the EN 15883 European Standard. It is ideally used in processing instruments by an automated process.

With compact external dimensions, the MELAtherm 10 offers full features without any additional charge:

- Feeding process agents with the dosing unit
- Batch documentation with the CF card or network
- Active drying in accordance with the Standard
- Available in single phase or 3 phase models

MELAtherm 10 automatically monitors the rotation of the rinse arms, the rinse pressure and the filter sieves. Errors in the program mode or during operation are thus prevented. MELAtherm 10 can be fitted in floor units without any problem, the standard width being only 60 cm.

Should the MELAtherm 10 be free-standing on top of a floor unit, MELAG offers a stainless steel cover plate. The optional floor unit, also available, facilitates ergonomic working height and creates additional storage space. MELAtherm 10 is equipped with a basic basket, with or without injector rail, at your option. Up to 11 hollow body instruments can be processed with the injector rail, e.g. suction tubes or dental handpieces and contra angles etc.

The water-softening unit integrated in the MELAtherm 10 provides consistent results in the treatment of water, irrespective of the quality of the tap water. Those practices seeking to minimise stain formation on their instruments can connect the MELAtherm 10 to an external water treatment unit, e.g. MELAdem® 53/53 C, which supplies the device with de-ionized water (DI water).

\$19,425

Melag MELAtherm 10
Washer Disinfector

BIO10021



LARGE ITEM FREIGHT
CHARGES WILL APPLY



2YR
warranty



Quality - made in Germany

Now released the MELAtherm® Evolution
The washer-disinfector for those busy practices
that need to process many instruments in one cycle.

Contact Us for more information.



MELAdem®

Everything you need for water treatment

High-quality, clean demineralised or distilled water is very important for treating instruments in a medical or dental practice. Using water of a lower quality results in deposits of particulate matter (such as calcium carbonate) on the instruments and the chamber of the steam steriliser. This accelerates their wear. Only the use of demineralised water guarantees optimal value-retention of your steam steriliser and protects your instruments.



MELAdem 40

The compact ion exchanger for practice steam sterilisers

This compact ion exchanger has been designed for the supply of a practice steam steriliser which will not be operated more than 3 – 4 times per day. The MELAdem 40 bracket enables it to be fitted in the immediate vicinity of or directly next to all MELAG steam Sterilisers which are to be supplied automatically with water. The replacement of the mixed bed resin cartridges can be performed quickly and easily by the practice personnel using the cartridge key.

In this way, MELAdem 40 delivers high quality feed water for automatic supply to MELAG autoclaves of the Premium-Class, the Pro-Class and the Euroclav.

Melajet

Spray Gun

If MELAj^{et} is connected to the water processing facility, the MELAdem 40 or MELAdem 53, instruments can be rinsed with demineralised water.

The MELAj^{et} spray pistol uses the tap water pressure to remove residues after cleaning and disinfecting instruments before sterilisation.

MELAj^{et} offers you two spray selections: the wide-area spray setting for general instrument surfaces, or the concentrated water jet for special cleaning of hard-to-reach instrument parts such as those of hinged instruments, dental forceps, scissors, needleholders etc.



Melag Meladem 40 Water Treatment

BIO01049 **\$955**

Melag Melajet Spray Pistol

BIO27300 **\$315**



MELAdem 47

Greater quantities of water at low cost

The reverse osmosis principle is an especially environmentally friendly and economic method of water treatment. The high capacity of up to 1,900 l facilitates the problem-free connection of multiple practice steam sterilisers. The removal valve included in the scope of delivery enables the removal of high-quality demineralised water for other purposes. Recommended for practices with 2 or more autoclaves.

Melag Meladem 47

BIO01047

\$2970



MELAdem 53

Ion exchanger for MELAtherm and further devices

The MELAdem 53 operate according to the ion exchange procedure and are suitable for practices with large requirements for demineralised water. The high-performance of the MELAdem 53 units enable the connection of multiple steam sterilisers or connection to a MELAtherm washer-disinfector.

- Volume 20L
- Ø 24 × 57cm H (Note: 61.5cm H including connecting bend)

Melag Meladem53

BIO01038

\$3220



For more information download the product brochure from our website

Pro Line Autoclaves

The entry-level models: The Pro Line class B autoclaves offer everything you need for a safe, convenient and resource saving sterilisation.

- **Powerful class B vacuum procedure:** Reliable sterilization of up to 6kg on 5 trays in only 16-31 minutes, (plus drying time) for the 23L model or up to 5 kg on 5 trays in 15-27 minutes (plus drying time) for the 17L model
- **Smart-Touch Display with LED status class B vacuum procedure:** Touchscreen with intuitive menu structure for easy operation just like your smartphone
- **Connectivity and data logging:** Easy logging of the sterilisation protocols via USB stick or network
- **Stand-alone:** Integrated water tanks and highly effective air cooling for site-independent operation without cooling water
- **Power Save energy-saving mode:** Heating and display go into standby mode between sterilisation cycles for top energy efficiency
- **EasyCare routine concept:** User-friendly optimisations for efficient filter replacement, tank cleaning and water supply



PURE, ROBUST AND WITHOUT FRILLS.
Just a really good autoclave.

	VACUCLAVE 118	VACUCLAVE 123
Chamber size	35cm long x Ø 25cm dia	45cm long x Ø 25cm dia
Chamber volume	17 litres	23 litres
Loading quantity	5kg instruments 1.8kg textiles	6kg instruments 2kg textiles
Dimensions (w x h x d)	47 x 50 x 64cm feet fit on 60cm benchtop	47 x 50 x 64cm feet fit on 60cm benchtop
Weight	48kg	49kg
Power supply	220 - 230 V, 50 - 60 Hz	
Power consumption	2,100 Watt	
Code	BIOMELME10118	BIOMELME10123

VACUCLAVE 118
\$12,830

VACUCLAVE 123
\$13,840





Prime Line Autoclaves

QUALITY ALL AROUND. Innovations through and through.

The Prime Line autoclaves are true high-performers for up to 8 kg loading: With the Heavy Duty program and DRYtelligence drying, you now sterilize more instruments in less time.

- **Class B sterilization in the Heavy Duty program of even larger loading quantities:** Powerful sterilization of up to 8kg on 5 trays in only 16-31 minutes, (plus drying time) for the 23L model or up to 7kg on 5 trays in 15-27 minutes (plus drying time) for the 17L model
- **DRYtelligence drying:** Algorithm-controlled process for optimum drying results while reducing drying time by up to 80%
- **Smart-Touch Display with LED status:** Touchscreen with intuitive menu structure for easy operation just like your smartphone
- **ProControl Approval:** Batch approval, user authentication and printing of barcode labels directly on the display without extra software
- **Connectivity and data logging:** Easy logging of the sterilisation protocols via USB stick or network
- **Stand-alone:** Integrated water tanks and highly effective air cooling for site-independent operation without cooling water
- **Power Save energy-saving mode:** Heating and display go into standby mode between sterilisation cycles for top energy efficiency
- **EasyCare routine concept:** User-friendly optimisations for efficient filter replacement, tank cleaning and water supply



	VACUCLAVE 318	VACUCLAVE 323
Chamber size	35cm long x Ø 25cm dia	45cm long x Ø 25cm dia
Chamber volume	17 litres	23 litres
Loading quantity	7kg instruments 1.8kg textiles	6kg instruments 2kg textiles
Dimensions (w x h x d)	47 x 50 x 64cm feet fit on 60cm benchtop	47 x 50 x 64cm feet fit on 60cm benchtop
Weight	48kg	49kg
Power supply	220 - 230 V, 50 - 60 Hz	
Power consumption	2,100 Watt	
Code	BIOMELME10318	BIOMELME10323

VACUCLAVE 318
\$14,100

VACUCLAVE 323
\$15,300



Save time and energy | Work efficiently | Document securely



The Premium-Evolution Series

The new benchmark for steam sterilisers



- Patented double-jacket technology brings the fastest of operating times
- With patented DRYtelligence - intelligent drying for every loading configuration
- Documentation, approval and traceability via XXL colour-touch display with intuitive operating interface

Besides the typical MELAG features such as record operating times, intuitive operating concept, integrated documentation and approval, the steam sterilisers of the Evolution series offer a range of unique innovations, which can only be developed in this perfection by a specialist for practice hygiene and instrument decontamination. The focus of the Evolution series is the combination of even shorter operating times and thus faster instrument availability and energy savings.

In a recent competition for service companies the premium steriliser came out as a winner with 38,500 cycles on one unit and still going strong. With a life expectancy of 15 years this model offers great ROI for a practice.

Vacuklav 40 B+ Evolution and Vacuklav 44 B+ Evolution:

Especially high-performance all-rounders.

These steam sterilisers have a fixed water connection and, through the innovative water cooling of the vacuum pump, they represent the ultimate benchmark not only in terms of operating times and handling, but also for quality and reliability.

Vacuklav 41 B+ Evolution and Vacuklav 43 B+ Evolution:

“plug and play” technology at its best

These steam sterilisers have a patented air-cooling system, which makes them real “stand alone” steam sterilisers, since they only need to be connected to an electrical outlet for operation. But, of course, all four devices can be connected to a water treatment unit for the direct supply of demineralised water.

- All units are supplied with CF card
- Printer is optional
- Includes 6 trays



LARGE ITEM FREIGHT CHARGES WILL APPLY	Vacuklav 40B+ Evolution	Vacuklav 41B+ Evolution	Vacuklav 43B+ Evolution	Vacuklav 44B+ Evolution
	Fixed Water connection	Stand Alone	Stand Alone	Fixed Water connection
Chamber size	35cm long x Ø 25cm dia		45cm long x Ø 25cm dia	
Chamber volume	18 litres		22 litres	
Loading Quantity	9kg instruments / 2kg textiles		9kg instruments / 2.5kg textiles	
Dimensions (w x h x d)	46 x 50 x 55cm (Height incl display 56cm) feet fit on 50cm benchtop		46 x 50 x 68cm (Height incl display 56cm) feet fit on 60cm benchtop	
Weight	57kg	59kg	66kg	62kg
Mains Supply	220-240V / 50Hz - 60Hz / 3,400 W - Dedicated 15 Amp powerpoint required			
Code	BIO10080	BIO10081	BIO10083	BIO10084
Price	\$17265	\$17915	\$19315	\$18990

Cliniclave® 45

The large steam steriliser for practice and clinic use

Particularly fast operating times, a high load capacity and reliable sterilisation safety are the most important requirements for a large autoclave for practices and clinics.



BIO10045

\$70,695



With a loading quantity of up to 40 kg of unwrapped instruments, up to 35 kg of wrapped instruments and up to 7 kg of textiles, the Cliniclave 45 offers a far greater range than many other large autoclaves. The extra-large cylindrical sterilisation chamber in combination with specifically designed insertion racks offers ideal solutions for all areas of application.

The extra-large colour touch display enables an intuitive operation as well as a quick programme selection and helps to avoid errors. The integrated software for documentation, approval and tracing saves costs and allows for comprehensive safety. The particularly economical handling of resources was one of the main objectives when designing the Cliniclave 45. Low energy and water consumption as well as a sophisticated development concept make the Cliniclave 45 one of the most economical, compact and lightest large autoclaves.

Saving time

With a maximum load of up to 40 kg, the Cliniclave 45 can sterilise significantly more instruments than other devices of its class. Sterilise your instruments in less than 45 minutes, including drying.

Safe documentation

The extra-large colour-touch display enables intuitive operation. Its integrated documentation and clearance software permits complete reproducibility.

Ergonomic working

A range of batch configurations can be inserted in and removed from the Cliniclave 45 quickly and ergonomically.

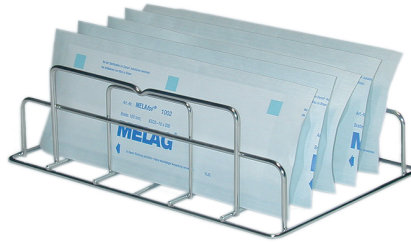
Saving energy

The large load sizes and its low water and energy consumption make the Cliniclave 45 one of the most efficient and compact large steam sterilisers of its class.



Pouch Rack

Use of the pouch holder considerably enhances the drying process for sterilised items that have been sealed in autoclave pouches. This arrangement prevents water droplets from collecting inside the pouches when they lie flat on a tray. If the packages stand vertically in the holder, the condensed droplets of water quickly flow down and out of the packages. The pouch holders can be stacked: two of them fit into the chamber.



18ltr	BIO22410	\$260
22ltr	BIO22420	\$260

Trays



18ltr	BIO10280	\$165
22ltr	BIO10230	\$164.95

MELAcontrol

Helix Test Body with 250 test strips

MELAcontrol is a Helix indicator system to be used for "Class B" autoclaves, e.g. for the MELAG autoclaves Premium-Class and Pro-Class. This is a test body for "Class B" autoclaves, which simulate the complicated requirements for sterilising hollow instruments.

It consists of the MELAcontrol Helix test-body and 250 indicator strips.

BIO01080	\$495
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MELAflash

Simple batch documentation with the compact flash card

The MELAflash system consists of a compact flash card printer, the MELAflash CF card and the MELAflash card reader.

The legally required batch documentation is thus both simple and comfortable for the proven MELAG autoclaves of the Pro-Class, S-Class (Euroklav) and the MELAtronic EN series of models.

The sterilisation logs can be very simply saved on a PC, without further connection of the autoclave to the practice network or connection to an external printer.

This way you satisfy the requirements of durable reproducibility of successful sterilisation in your practice.

BIO01039	\$1350
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MELAprint 44

Batch documentation in black and white

The MELAprint is ideal for the practice or hospital that needs or wants a direct print-out.

MELAprint 44 enters the following data:

- Program selected
- Date, time, current batch number
- Vacuum, pressure and temperature current values
- Confirmation of the successfully completed program and inadmissible deviations, if they have occurred

BIO01042	\$1720
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MELAnet Box

Batch documentation in the practice network

The MELAnetBox enables simple network connection (Ethernet) of MELAG autoclaves of the Pro-Class, the S-Class (Euroklav), and the Cliniklav 25 series of models and further series.

It is connected to the serial interface of the autoclave and transmits the data into the practice's internal network.

The MELAnet Box contains its own web server, which loads websites into the practice network. The user is then able to see logs of processes already finished or ongoing in real time, in any selected computer connected to the practice's network.

BIO40296	\$1350
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MELAprint 60

Label printer for the Premium-Plus-Class

The network-compatible MELAprint 60 is designed for direct communication with autoclaves of the Premium-Class and Cliniclave series. It may be connected direct to the network interface of the autoclave, but also to the existing practice network.

When the sterilisation program has been completed successfully, and clearance is seen on the screen of the autoclave, labels are printed with the MELAprint 60 for labelling the wrapped instruments. An additional PC in the processing room and external software for clearance are unnecessary.

BIO01160 \$1770



MELAtrace

The software solutions for documentation, approval and traceability in an easy, safe and paperless way.

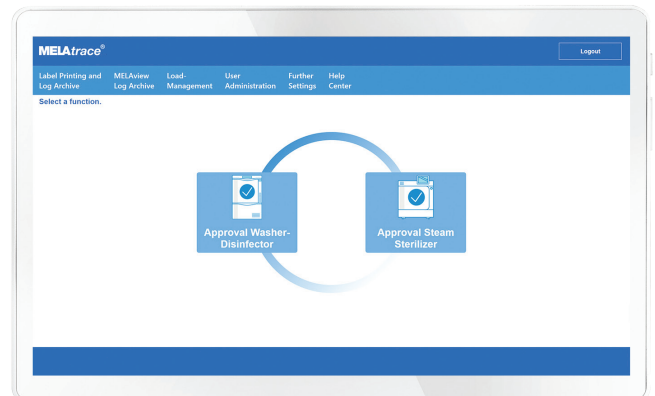
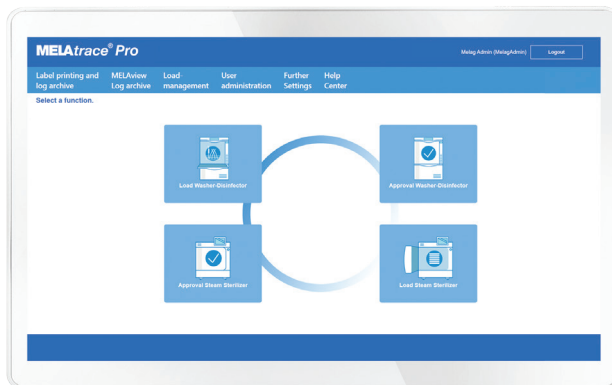
The MELAtrace software solution provides professional documentation and approval of the entire instrument decontamination process.

The intuitive operating interface of MELAtrace helps you to link the single steps of cleaning and disinfection with sterilisation. Perform batch approvals with just a few clicks and archive the essential program parameters as well as approval decisions in a tamper-proof decontamination report.

An additional MELAprint 60 generates bar code labels in order to ensure a complete traceability. After the application of an instrument, you are able to transfer batch information directly from the bar code label into the patient records - irrespectively of your deployed patient management software.

The licence model of MELAtrace is unique as well: A one-off purchase permits the permanent use of MELAtrace in conjunction with all MELAG devices in your practice and clinic. No annual license or signature fees are incurred.

BIO21138 \$2130



MELAG Chamber Protect

The MELAG chamber cleaning set removes even soiling that is invisible to the eye and saves the chamber from discolouration and deposits.

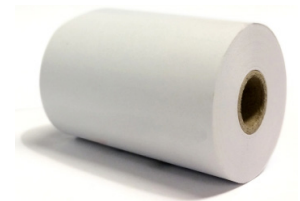
- Powerful cleaner with 50 lint-free cloths and 1 microfibre cloth
- Gentle on material of the chamber and door seals
- Suitable for all MELAG steam sterilisers



BIO01081 \$90.45

Autoclave Printer Paper

Melag Melaprint 44	Pkt/5	BIOMEL35226	\$34.90
Melag	57mm plain	SPIPAP510	\$6.80
Cominox	57mm thermal	AUTPAP780	\$10.35



Autoclave Printer Ribbons

Melag ERC-09	Each	DHTERC09	\$24.80
Prestige C2/C3	Each	SIL600448	\$43.15

Distilled Water



4 L
BEPDW5LRT
Each \$12.40
3+ \$11.35

20 L
BEPDW20LRT
Each \$42.30



Water Distiller

This compact water distiller provides a suitable water supply solution for many practice autoclaves.



PACWDIS
\$330.90

For sterilisation monitoring, go to page 366-370

Autoclave Reels

50mm x 200m	BIOAPR050	Roll	\$35.80	2+	\$33.30
75mm x 200m	BIOAPR075	Roll	\$49.30	2+	\$42.90
100mm x 200m	BIOAPR100	Roll	\$66.70	2+	\$59.65
150mm x 200m	BIOAPR150	Roll	\$85.45	2+	\$79.90
200mm x 200m	BIOAPR200	Roll	\$106.10	2+	\$96.30



Self-seal Autoclave Pouches

Film Size	Paper Size	Code				
57 x 105mm	57 x 133mm	BIOMAP008	Box/200	\$19.20	2+	\$14.85
70 x 230mm	70 x 257mm	BIOMAP001	Box/200	\$21.75	2+	\$20.60
90 x 135mm	90 x 162mm	BIOMAP002	Box/200	\$21.35	2+	\$20.40
90 x 230mm	90 x 257mm	BIOMAP003	Box/200	\$30.70	2+	\$27.70
135 x 260mm	135 x 283mm	BIOMAP004	Box/200	\$34.15	2+	\$29.25
190 x 330mm	190 x 358mm	BIOMAP005	Box/200	\$60.10	2+	\$56.00
300 x 352mm	300 x 380mm	BIOMAP006	Box/200	\$109.65	2+	\$94.45



HALYARD* Sequential Sterilisation Wrap

- Single sheet polypropylene:
- Features POWERGUARD* Technology for highest bacterial filtration efficiency
- Low in lint
- Different sizes and grades depending on the weight and size of the materials to be packaged
- Water resistant
- Tested for event-related and time-related sterility maintenance

30 x 30cm	H200	Ctn/1000	KC68001	\$145.95
45 x 45cm	H200	Box/1000	KC68011	\$354.20
61 x 61cm	H300	Ctn/500	KC68021	\$272.75
91.6 x 91.6cm	H300	Ctn/300	KC68031	\$353.50
121.5 x 121.5cm	H300	Ctn/100	KC68041	\$205.65
100 x 140cm	H300	Ctn/100	KC68061	\$252.65

Wrap Grade

H200
Linen towels, packs and gowns, light basin sets and single instruments.

H300
Basin sets, instrument sets, procedure trays and large linen packs.





GT Sonic Ultrasonic Cleaners

- Turbo power: Normal and soft function to resolve the cleaning blind spots
- Automatic ultrasonic frequency tracking
- Memory function
- LED display for temperature and timer
- User friendly and clear panel make it easy to operate
- Ultrasonic frequency: 40KHz
- Comes with basket and lid as standard

6L Model

Capacity: 6L
 Tank Size: 300L x 155W x 150H
 Unit Size: 330L x 180W x 310H
 Frequency: 40KHz
 Ultrasonic Power: 150W
 Heating Power: 300W
 Temp Adjustable: 0 – 80°C
 Timer: 1 – 99min

9L Model

Capacity: 9L
 Tank Size: 300L x 240W x 150H
 Unit Size: 330L x 270W x 310H
 Frequency: 40KHz
 Ultrasonic Power: 200W
 Heating Power: 300W
 Temp Adjustable: 0 – 80°C
 Timer: 1 – 99min

13L Model

Capacity: 13L
 Tank Size: 330L x 300W x 150H
 Unit Size: 360L x 330W x 310H
 Frequency: 40KHz
 Ultrasonic Power: 300W
 Heating Power: 400W
 Temp Adjustable: 0 – 80°C
 Timer: 1 – 99min



PACUSD6 **\$1075**

PACUSD9 **\$1355**

PACUSD13 **\$1830**



Photo shown is new model, currently available in 6 & 9L models only. Refer to our website for photos of 13L model.



Getinge Assured Wash Monitor Ultrasonic (Blue)

GETINGE ✱

This is a single use synthetic soil test for routine monitoring of an ultrasonic wash process.

The synthetic test soil (blue diamond) simulates human blood and tissue. The removal of all test soil indicates effective cleaning.

The test is inserted in a Wash Monitor Holder and then placed in the ultrasonic washer.

Ultrasonic wash monitors **AUMWC108** Pkt/50 **\$257.60**
 Wash monitor holder **GET503864800** **\$95.30**



Hendricks Ultrasonitest

Designed to test the functioning of Ultrasonic Cleaners, used in place of a foil test, it simplifies daily testing of your Ultrasonic Cleaner. Simply draw with the pencil provided onto the metal disk. Place it in the ultrasonic cleaner and run a 3 minute cycle. If no pencil marks are visible on the disk at end of the cycle, then the ultrasonic cleaner is functioning correctly.

Full instructions included in pack

Recommended 60 uses per disk.

MDSUTS2000S **\$64.85**



STS Pro Hex Test

Pencil Load Kit for Ultrasonic Cleaners to ensure your ultrasonic cleaner is working effectively, manufactured to AS2773.2.

Each disk is designed for up to 60 uses, or earlier if it becomes smooth, after which the disk requires replacement.

Recommended 60 uses per disk.

STS9SHEX **\$57.80**

