



- IHEALTH WIRELESS HEALTH-CARE PRODUCTS 
- DIAGNOSTIC TESTS LABORATORY 
- OPERATOR'S PROTECTION 
- HOLLOWARE - SURGICAL INSTRUMENTS - SYRINGES 
- MEDICAL BAGS 
- SCALES & MEASURES 
- HEALTH CARE PATIENT AIDS 
- FURNITURE 
- PHYSIOTHERAPY NEBULIZERS - SUCTION PUMPS 
- GYNAECOLOGY & PROCTOLOGY 
- CAUTERY & ELECTROSURGERY 
- LOUPES, VISION & ENDOSCOPY 
- MEDICAL LIGHTS 
- DIAGNOSTICS 
- AUDIOMETRY & RESPIRATORY 
- ECG MONITORS & ULTRASOUND 
- FIRST AID PARAMEDICAL - EMERGENCY 
- STERILIZATION 
- VETERINARY 
- HUMAN ANATOMY MODELS 





En **LOMISA** nos centramos en los proyectos con la finalidad de mejorar la eficiencia operativa de un centro de salud. Hacemos frente, junto a nuestros clientes, al reto de modernizar sus instalaciones y servicios, proporcionando tecnologías vanguardistas, procedimientos probados y protocolos clínicos actualizados.

Nuestra visión a largo plazo siempre mejora la calidad de vida de los pacientes, que deberían beneficiarse del uso de las instalaciones y servicios. Mediante una estrecha colaboración con los profesionales y gestores del sector sanitario, proporcionamos planes, proyectos ejecutables y soluciones materiales para alcanzar los objetivos de sus instituciones públicas o privadas.

Al trabajar a nivel de gobiernos o administraciones centrales, también consideramos la oportunidad de reforzar el funcionamiento de la atención primaria para facilitar o ampliar el acceso de la población a los estándares apropiados de cuidado preventivo, diagnóstico y crítico. Nuestra estrategia para lograr esos objetivos es la potenciación de los actores claves, para que hagan lo correcto.

Nuestro equipo incluye a gestores e ingenieros con una gran experiencia en el sector hospitalario, ampliamente cualificados en el uso de la tecnología médica y la gestión de los servicios clínicos, que reciben el apoyo de una extensa red internacional de asesores clínicos de primer nivel para cubrir cualquier especialidad, desde los servicios clínicos centrales del hospital a las terapias modernas y complejas.

En **LOMISA** proporcionamos una amplia gama de servicios (instalación, ajuste, puesta en marcha, formación técnica y al usuario, mantenimiento preventivo y correctivo durante el periodo de garantía o el ciclo de vida útil) al presupuestar todas nuestras soluciones de equipamiento, como parte de nuestro fuerte compromiso con el cliente.

Otros equipamientos que suministramos:

- Anatomía patológica
- Esterilización y desinfección
- Rehabilitación
- Imagenología
- Laboratorio
- Medicina deportiva
- Oncología
- Quirófanos
- Refrigeración



NUESTRAS MARCAS



Sterilization

Esterilización

■ SELECCIONE EL PRODUCTO QUE ESTÁ BUSCANDO

GELES, CREMAS Y JABONES

TOALLITAS

CEPILLOS Y ESPONJAS

DESINFECTANTES Y ANTISÉPTICOS

AEROSALES

LIMPIADORES ULTRASÓNICOS

ESTERILIZACIÓN

AUTOCLAVES

TESTS

SELLADORAS

INDICADORES

ALFOMBRA DESCONTAMINANTE MULTICAPA ANTIBACTERIANA

LÁMPARAS ULTRAVIOLETAS GERMICIDAS

SISTEMA DE DESTILACIÓN DE AGUA



Esterilización

NOVALCOL SKIN DISINFECTANT

- 36609 NOVALCOL - 250 ml - box of 12 bottles
- 36611 NOVALCOL - 1 l
- 36613 NOVALCOL - 3 l

Novalcol must be used pure before and after the injection, or in the preoperative cleaning of the patient (or for those confined to bed). Novalcol is non irritant and non inflammable. It does not stain or burn. Efficient against gram⁺, gram⁻. Instructions on the bottle in GB, IT.

CHEMICAL COMPOSITION	
Benzalkonium Chloride	0.1 g
O-phenilphenol	0.02 g
Isopropyl Alcohol, Coformulants, depurated water as needed to	100 g
Made in Italy.	

Italian Health Ministry
Registration 13428

36611

36609

36613



FLOW PACK WIPES

- 36627 FLOW PACK 20 WIPES

Disinfectant detergent perfumed wipes for hands and body disinfection. Active against bacteria to guarantee hygiene and total protection. Suitable to fight against effects of perspiration, eliminating bacteria that cause bad smells. Good for children and in case of insects bites. Ready to use, they do not stain and do not grease.

Minimum order: 1 display of 16 flow pack with 20 wipes

Italian Health Ministry. Registration 12671

36627



DISINFECTANT WIPES

DISINFECTANT WIPES

- 36625 tube of 100 wipes
 - 36626 box of 400 bags
- Active against bacteria are ideal for children since they do not burn. Indispensable in the house, the car, in sporting events. Indicated for the disinfection of:

- insect bites
- skin before and after injections
- disinfection of hands and other body parts.

Instructions on the box in GB, IT.

Italian Health Ministry
Registration 12671

36626

36625



HYDROGEN PEROXIDE

- 36604 OXYGENATED WATER (Hydrogen peroxide) - 250 ml - box of 12
 - 36606 OXYGENATED WATER (Hydrogen peroxide) - 1 l
- Hydrogen peroxide (3% diluted solution) 10 volumes. Colourless, odourless. 100% biodegradable. Made in Italy.

36606

36604



CHEMICAL COMPOSITION

100 g contain: Benzalkonium Chloride 0.5% - O-phenilphenol 0.01% - Coformulants and water as needed to 100 g. Made in Italy.

ALCOHOL SWABS/PADS

- 36601 QUICKPAD DISPENSER

Fleece pads saturated with 70% Isopropyl Alcohol. The tight fitting lid prevents evaporations. Size 50x50x80 mm contains 150 pads, size: 44x44 mm.

U.S. and International Patents FDA Reg. #8010920

150 ALCOHOL SWABS



ALCOHOL SWABS/PADS

- 36598 ALCOMED PADS - box of 100
 - 36599 ALCOMED PADS - carton of 10,000 (100 boxes of 100 pads)
- Alcohol saturated pads with 70% isopropyl alcohol for skin preparation prior to injection. Bag size 50x50 mm, folded pad 32.5x30 mm, open pad 65x30 mm.

36598



NaCl 0.9% B-BRAUN STERILE IRRIGATION SOLUTIONS



code	B-BRAUN code	B-BRAUN	Minimum order
36550	3570310	B-BRAUN ECOLAV® - 30 ml	box of 100
36551	3570350	B-BRAUN ECOLAV® - 100 ml	box of 20
36552	3570380	B-BRAUN ECOLAV® - 250 ml	box of 20
36554	3570110	B-BRAUN ECOTAINER® - 250 ml	box of 12
36555	3570130	B-BRAUN ECOTAINER® - 500 ml	box of 10
36558	3513576	B-BRAUN OMNIFLUSH® - 10 ml	box of 100

ECOLAV®

The spray nozzle of Ecolav® allows a precise and direct irrigation of the target area by simply applying a slight pressure on the container, helping optimize the time for irrigation processes. Multilanguage manual and box: GB, FR, IT, ES, DE, PT, NL.

ECOTAINER®

Ecotainer® non-drip pouring characteristics help reduce contamination risks during the irrigation process. Suggested for quick irrigation with high volume of solution. Multilanguage manual and label: GB, FR, IT, ES, DE, PT, NL, DK, FI, NO, SE.

B-BRAUN OMNIFLUSH®

PREFILLED FLUSH syringe 10 ml with NaCl 0.9% - box of 100 - EM-3513576
The Omniflush® syringe is designed specifically to minimize unintended blood reflux into the catheter lumen thus reduces the risk of catheter blockage. With Omniflush® the fluid amount used for flushing can be reduced to the required minimum. For flushing of all intravenous accesses. Multilanguage manual and label: GB, FR, IT, ES, DE, PT, PL, CZ, BG, DK, EE, FI, GR, HU, LT, LV, NL, NO, RO, SK, SI, SE.

36558

COMPOSITION

1,000 ml solution contain:
sodium chloride 9 g, water,
injection electrolytes: mmol/l
Na⁺ 154 Cl⁻ 154



36558

SURGICAL SCRUB BRUSHES/SPONGES



- **36570 SCRUB KIT - sterile - dispenser of 30 pcs**
Sterile hand-cleaning hospital kit. It includes a scrub, a sponge and a plastic nail cleaner. Dry, without detergent. Sterilization method: ETO. Multilanguage label (blister and dispenser): GB, FR, IT, ES, DE, PT, PL, NL, GR, RU, Arab. Made in Italy.

All scrub kits are individually blistered in 30 pieces dispenser



36570



- **36571 IODO-POVIDONE SCRUB KIT dispenser of 30 pcs - IT**
Italian Health Ministry registration PMC 19575
- **36572 IODO-POVIDONE SCRUB KIT dispenser of 30 pcs - Multilanguage***
**Label: GB, FR, ES, DE, PT, PL, NL, GR (blister and dispenser), PL, RU, Arab (blister only)*
Same as 36570 with solution of PVP Iodine 7.5 g in 100 ml. Made in Italy.



36571



36572



- **36573 CHLOREXIDINA SCRUB KIT dispenser of 30 pcs - IT**
Italian Health Ministry registration PMC 19531
- **36574 CHLOREXIDINA SCRUB KIT dispenser of 30 pcs - Multilanguage***
**Label: GB, FR, ES, DE, PT, NL, GR (blister and dispenser), PL, RU, Arab (blister only)*
Same as 36570 with solution of Chlorhexidine Gluconate 20% 4 g in 100 ml. Made in Italy.



36573



36574

PERFECTION BRUSHES



STERILIZABLE IN AUTOCLAVE

- **25715 PERFECTION BRUSHES**
Nylon brushes for cleaning before and after operation. These brushes are autoclavable (at 100°C for not more than 5 minutes) and can be stored in any standard brush dispenser in hospitals. Resistant and reliable. Handle in PP. Supplied in boxes of 12 units.

IODO-POVIDONE ANTISEPTIC

- **36614 IODO-POVIDONE ANTISEPTIC 125 ml**
- **36608 IODO-POVIDONE ANTISEPTIC 500 ml**
- **36619 IODO-POVIDONE ANTISEPTIC 1,000 ml**

Wide spectrum disinfectant for the disinfection and cleaning of the skin in hospital wards with high risk of infection. Medical-Surgical Presidium n.19661. The range of action includes Gram⁺ and Gram⁻ germs, acid and acid resistant bacteria and virus. Its activity is maintained in the presence of organic materials. Label: GB, IT. Made in Italy.

IODO-POVIDONE
10% IODINE

CHEMICAL COMPOSITION

Each 100 ml contains: polyvinylpyrrolidone iodine 10 g, coformulants and purified water needed to 100 ml



36614

36608

36619

CHLORHEXIDINE DISINFECTION LINE



14x20 cm
wipe
suitable
for hands
skin
disinfection
(bag 6X8 cm)

36638

36634

- **36637 GERMOXID SPRAY DISINFECTION - 100 ml - box of 12**
- **36635 GERMOXID DISINFECTION - 250 ml - box of 12**
- **36636 GERMOXID DISINFECTION - 1,000 ml - box of 12**
- **36634 GERMOXID WIPE - 12 boxes of 10 wipes**
- **36638 GERMOXID WIPE - box of 400 wipes**

Germoxid is a ready-to-use disinfectant for skin that contains Chlorhexidine with long-lasting bactericidal action. Chlorhexidine has a proven broad-spectrum effectiveness against Gram⁺ and Gram⁻ bacteria.

The molecular structure of Chlorhexidine is very similar to that one of epidermis proteins and it is therefore rapidly and constantly absorbed by the skin.

Chlorhexidine is particularly suitable for skin disinfection.

It is particularly safe for medical operators thanks to its high epidermis compatibility, it neither irritates the skin nor stains or burns.

Available in 3 versions: liquid (250 or 1,000 ml), spray (spray dispenser allows a quick and efficient action and is eco-friendly) or wipes (ready-to-use disinfecting wet wipes containing chlorhexidine).

Italian Health Ministry registration 11571



Label in
GB, IT

36636

36635

36637

BARRYCIDAL "30 PLUS": A WIDE-SPECTRUM DISINFECTANT



Manual in:
GB, IT, FR, ES.

- 35761 BARRYCIDAL "30 PLUS" - diluted 5% - bottle 1 l
- 35759 BARRYCIDAL "30 PLUS" - diluted 5% - bottle 1.2 l

minimum order: box of 12 bottles
minimum order: box of 6 bottles

Ready for use 1 or 1.2 l bottle with 10 cc measurer cap.

- 35763 BARRYCIDAL "30 PLUS" - concentrate, to be diluted - tube 224 ml
- 35764 BARRYCIDAL "30 PLUS" - concentrate, to be diluted - tank 3.785 l (1 Gallon)

Barrycidal 30 Plus is a water-based solution with glutaraldehyde and phenols, suitable to cleanse and disinfect surgical instruments and thermosensitive, non-autoclavable endoscopes, with good property to dissolve blood and organic traces. Colourless liquid emulsion. The product diluted by 5% is not classified as hazardous pursuant to the provisions set in Regulation 1272/2008 (CLP). Medical Device according to Class IIb - Directive 93/42 EEC.

Tested action-spectrum in "clean" conditions: bactericide (EN 13727 and EN 14561), fungicide (Candida Albicans, Aspergillus Niger; EN 13624 and EN 14562), mycobactericidal and tuberculocidal (Mycobacterium Avium, Mycobacterium Terra; EN 14348 and EN 14563), virucidal (EN 14476).

30 Plus concentrate acts in 15 min. if diluted by 5%, 60 min. if diluted by 2.5%. Diluted by 2.5% results in 9 l of ready to use product.

CHEMICAL COMPOSITION

30 Plus concentrate: 100 ml contain: glutaraldehyde (<2%), 2-benzil-4-chlorophenol 4.5%, 2-phenylphenol 7%, coformulants and purified water.

30 Plus standard: contains less than 0.2% at 5% dilution glutaraldehyde, phenols, surfactants.



DISINFECTANT POWDER

- 36639 GERMOCID PERACETIC POWDER - bag 16 g - box of 50 bags
- 36640 GERMOCID PERACETIC POWDER - box of 500 g

CE 0546

Cold sterilizer disinfectant: the peracetic acid which forms from the reaction of sodium percarbonate and tetracethylethylendiammine (which is obtained after dissolving the product into water) carries on an efficacious biocidal action against spores, virus (HIV, HBV, HCV), bacteria, mycobacteria and fungi. At the concentration of 0.3% it carries on sterilization in 10 minutes.

The product is active in 15 minutes from dissolution, solution remains active for max 24 hours. Suitable for a cold rapid sterilization and disinfection of endoscopes, surgical and dental instruments, transducer, etc.

The product is active also in presence of organic materials.

In this case it is better to previously clean the device with suitable detergent, better if with enzymatic base.

It can also be used with automatic washing machines for endoscopes. No environmental impact: once in contact with discharge water, it degrades immediately into acetic acid, water, oxygen.

Chemical composition: peracetic acid precursors and coformulants.

Made in Italy.



36640

SPRAY DISINFECTANT

- 36620 GERMOCID SPRAY DISINFECTANT - 400 ml

minimum order: 12 pcs

Spray disinfectant with bactericidal power. Disinfects and deodorizes surfaces and objects of crowded and smoky areas (hospitals, classrooms, examination and surgery rooms, bathrooms, cars, trailers). Instructions on box in GB, IT.

CHEMICAL COMPOSITION

100 g contain: O-phenilphenol 0.02 g; benzalkonium chloride 0.1 g. Coformulants and propellants as needed to 100 g. Made in Italy.

Italian Health Ministry registration 7604



36620

BOXES FOR COLD STERILIZATION



35770

35772 autoclavable

- 35770 STERILIZATION BOX - 1.5 l (internal: 10x25.5xh 7.5 cm)
 - 35772 STERILIZATION BOX - 3 l (internal 18.3x29xh 9 cm) - autoclavable
- Useful plastic box, with an internal removable perforated instrument tray, specially developed for cold sterilization of medical instruments. White colour. Made in Italy.

GERMOCID TABS

- 36622 GERMOCID TABS CHLORINE TABLETS - 1 kg

White round effervescent chlorine tablets for cleaning, disinfecting and deodorizing. The dilution of 1 tablet in 7-8 litres of water or 2 tablets if you need stronger disinfection allows to hygienize rubber, plastic or glass. Germocid tabs can be used for many other purposes:

wc sanitizing, dishwasher, floor cleaning and also for mopping bars, restaurants, hospitals.

Rinsing required. Packed in 1 kg jar, containing approx: 300 tabs.

Label/instruction in GB, IT.

Made in Italy.



36622

ENZYME-BASED DETERGENT

- 36618 ENZYME-BASED DETERGENT - 3 l

Medical device enzymatic based detergent for invasive surgical instruments. This clear liquid detergent is very useful to improve the cleaning of orthodontic and surgical instruments, glassware, plastic and metal objects. Also suitable for ultrasound cleaners. Dilute in 1 litre warm water, immerse the instruments for 10 minutes and rinse. Label/instruction in GB, IT.

Made in Italy.

CE 0546



36618

CHEMICAL COMPOSITION

100 g contain: proteolytic enzymes 0.5 g, non-ionic surfactant agents 10-15 g, coformulants, water as needed to 100 g



MULTILAYER DECONTAMINATING MAT WITH ANTIBACTERIAL



DAILY WAY TO KEEP
POLLUTION AWAY

- 36685 DECONTAMINATING MAT 45x90 - box of 5 - blue
- 36686 DECONTAMINATING MAT 60x90 - box of 5 - blue

DECONTAMINATING MATS

Mats to be used in all environments that require total absence of contaminating agents and the preservation of high hygienic levels. GIMA mat, thanks to antibacterial glue captures and retains dust and bacteria and substantially reduces bacteria growth and spreading. A full length adhesive sheet on the bottom of the mat provides a firm grip to the floor. Easy removability without leaving any adhesive trace.

Each mat includes 30 numbered polythene sheets and a non-adhesive edge strip to allow easy removal of each used layer. Medical disposable device CE Classe 1 non-sterile. Packed in a stylish dispenser folder with handle for easy carriage and vertical storage. Each mat can be easily picked leaving the others perfectly stored. Total mat thickness: 1.5 mm. Box of 5 mats with 30 sheet each. On request (minimum 10 boxes) available in white or green and size 60x95 cm or 90x95 cm.

- 36693 DECONTAMINATING MAT 45x115 - box of 5 - blue
- 36694 DECONTAMINATING MAT 60x115 - box of 5 - blue
- 36695 DECONTAMINATING MAT 90x115 - box of 5 - blue
- 36696 DECONTAMINATING MAT 45x115 - box of 5 - white



GERMOCID WIPES FOR SURFACES, MEDICAL DEVICES

- 36680 GERMOCID WIPES - 120 wipes - tube

Ready to use wipe, it contains a Chlorhexidine and Quaternary Ammonium Salt based alcoholic solution. With a fast and effective disinfectant action against Bacteria Gram⁺ Gram⁻ Yeasts, Moulds, Fungi, Tuberculous Mycobacteria (TBC). Lipophilic and hydrophilic Viruses (HIV - HVB - HVC).

The product has a high detergent power and it quickly evaporates.

It is not inactivated by organic residuals.

Suitable for cleaning and disinfection of non-invasive medical devices and surfaces disinfection in medical and dental medical offices.

Wipe size: 200x240 mm.

CE 0546



36680

GERMOCID BASIC SPRAY

CHEMICAL COMPOSITION

100g of product contain	
Chlorhexidine digluconate	0.1 g
Benzalkonium chloride	0.1 g
Ethanol	45 g
2-Propanol	15 g
Coformulants	
and deperated water as needed for	100 g
Appearance: green liquid	
Smell: characteristic pine	

CE 0546

- 36615 GERMOCID BASIC - 750 ml
- For disinfection and fast cleaning of every kind of medical surface materials which are not sensitive to alcohol like arms, handles and different dentistry objects.

- **Disinfectant action:** the association between Chlorhexidine and Quaternary ammonium Salt and the high alcoholic content guarantee a large action spectrum towards:

- Bacteria gram⁺ and gram⁻, fungi and virus HIV, HBC, HCV (HEPATITIS B and C) **in 1 minute of contact.**
- Fungi, microbacteria and TBC **in 5 minutes of contact.**

Strong detergent power and fast evaporation.

It is not de-activated by organic substances.

- **Bactericide, virucide and fungicide activity.**

Sold in box of 12 - only 2 bottles come with vaporizer.

- 36691 VAPORIZER



36615

ENVIRONMENT DISINFECTANT

- 36616 ENVIRONMENT DISINFECTANT - bottle of 1 litre
- 36617 ENVIRONMENT DISINFECTANT - tank of 3 litres

Concentrated liquid detergent-disinfectant for environments. Dilute it in water to a ratio of 0.5% for the disinfection and the cleaning of surfaces, counter, tiles, floors, sanitary fixtures, also using floor-washing machines.

Suitable in large areas (hospitals, clinics, rest homes, gyms, swimming pools) for the disinfection and cleaning of surfaces.

- **Disinfectant action:** guarantees a wide protection against virus, fungi, bacteria Gram⁺ and Gram⁻.

- **Detergent action:** contains non-ionic surface active agents to enhance the cleaning of surfaces.



36617

36616

CHEMICAL COMPOSITION

100 g of product contain:	
Quaternary ammonium compound	10 g
Isotiazolinone magnesium chloride	0.2 g
Coformulants and deperated water	100 g
Appearance: pale yellow liquid	
Smell: citrus flavour	
Biodegradability: detergent according to rules CE n° 648/2004	
Italian Health Ministry authorization N° 9658	

BRANSON ULTRASONIC CLEANERS

Precision cleaning power

Ultrasonic cleaning is faster and safer than any other method. It's powerful enough to remove heavy oils and waxes, penetrating enough to deflux circuit boards, yet gentle enough to clean tiny precision assemblies.

Ultrasonic sound waves moving through a cleaning solution create an effect called cavitation, the rapid formation and implosion of microscopic bubbles. Heat enhances the process. The deep-cleaning action of ultrasonics removes even the most stubborn dirt and contaminations.

Branson: pioneer in ultrasonic cleaning

We have selected Branson because their cleaners incorporate years of experience in ultrasonic cleaning:

- easy to handle and safe to fill
- frequency higher than average for a deep cleaning
- less noise - longer lifetime.

All Branson cleaners are supplied with tank cover, and multi-language manual (GB, FR, IT, ES, DE, PT, SE, NL, RU). Recommended use with optional perforated tray.

M Series: M (Mechanical timer) or MH (Mechanical timer with heater)

Includes 60-minute mechanical timer and continuous operation with heating capability (MH only).



CPXH Series (Digital control with heater)

Are the most technologically advanced ultrasonic cleaners available. With programmable features, digital operation with power tracking capabilities to adjust for light or heavy loads, high/low power control and degassing. The CPXH is the most versatile system available.



CPX series is completely programmable, so engineers can choose temperature, start, and stop times for "set-it-and-forget-it" operation

Degassing periods of up to 99 minutes also allow for various sample prep applications.

Digital timer allows for continuous ultrasonic operation up to 99 minutes

Temperature can be set for either Fahrenheit or Celsius up to 69 °C/156.2 °F

Ultrasonic power tracking maintains steady, consistent activity in the bath when condition change



Feature	M Series Mechanical	MH Series Mechanical	CPXH Series Digital
Timer	60 minutes	60 minutes	60 minutes
Cover	•	•	•
Continuous mode	•	•	•
Sweep frequency	•	•	•
Heater	•	•	•
Dual power	•	•	•
Power tracking	•	•	•
Degas wave modulation	•	•	•
°C or °F temp selection	•	•	•
Auto ultrasonic activation	•	•	•
High-temp alarm	•	•	•
Front panel auto temp calibration	•	•	•
Operating parameters stored and saved	•	•	•

High/low power control provides safer cleaning of delicate components. 100% power for normal or 70% for delicate applications

TECHNICAL SPECIFICATIONS

	Branson 2800	Branson 3800	Branson 5800	Branson 8800
Tank size: mm	230x140x100	290x150x150	290x240x150	495x290x150
Overall size: mm	337x304x302	397x317x377	397x401x378	596x466x391
Tank capacity: litres (gal)	2.8 (0.75)	5.7 (1.5)	9.5 (2.5)	20.8 (5.5)
Drain and valve kit	No	Included	Included	Included
Weight: kg (lbs)	4.1 (9)	5.4 (12)	6.4 (14)	11.8 (26)
Frequency	40 KHz	40 KHz	40 KHz	40 KHz
Power supply	230-240 V	230-240 V	230-240 V	230-240 V

4 SIZES: 2.8, 5.7, 9.5, 20.8 LITRES.

3 MODELS: MECHANICAL, MECHANICAL + HEATER, DIGITAL + HEATER



ULTRASONIC CLEANERS	BRANSON 2800 2.8 litres	BRANSON 3800 5.7 litres	BRANSON 5800 9.5 litres	BRANSON 8800 20.8 litres
M Mechanical timer	35501	35510	35520	35531
MH Mechanical timer with heater	35502	35511	35521	35532
CPXH Digital timer with heater	35503	35512	35522	35533
ACCESSORIES	Branson 2800	Branson 3800	Branson 5800	Branson 8800
Tank cover, plastic* or stainless steel**	35507*	35517*	35527*	35537**
Perforated tray	35508	35518	35528	35538
Tray	35505	35515	35525	35535
Beaker positioning cover	35506 2x 250 ml	35516 3x 250 ml	-	-
Beaker positioning cover 600 ml	35509 2x 600ml	35519 2x 600ml	35529 4x 600ml	35539 6x 600ml
Glass beaker 250 ml	35540	35540	-	-
Glass beaker 600 ml	35541	35541	35541	35541



FREE AND BASIC ULTRASONIC CLEANERS



ULTRASONIC CLEANERS

The ultrasonic tub is designed to wash instruments used in the medical, dental, cosmetic, veterinary fields. The ultrasound cleaning (cavitation) allows to thoroughly clean instruments difficult to clean manually.

Heating - FREE only

The device heats the detergent and stops automatically when the preset temperature is reached.

Degassing (degas) - FREE and BASIC

This process reduces the gas dissolved in the liquid, thus improving the efficiency of the subsequent washing.

Ultrasonic cleaning - FREE and BASIC

Washing phase through ultrasonic cavitation.

Sweep - FREE and BASIC

Ultrasounds are modulated in frequency, thus reducing the negative effects of stationary waves, increasing the distribution of ultrasonic energy within the washing liquid.

Discharge - FREE only

Tub of Basic has to be manually emptied, tub of Free can be emptied by opening the appropriate valve.

All ultrasonic cleaners are supplied with basket and lid.

ULTRASONIC CLEANERS	BASIC	FREE	BASIC	FREE
	3 l	3 l	9 l	9 l
Tank size mm	235x100x135		332x120x227	
Overall size mm	305x248x168	305x248x178	418x268x259	418x268x269
Weight kg	3.7	4	7.1	7.4
Ultrasonic power W	150	150	300	300

code	FREE AND BASIC ULTRASONIC CLEANERS
35550	Basic ultrasonic cleaner 3 l
35551	Free ultrasonic cleaner 3 l - with heating and discharge
35552	Basic ultrasonic cleaner 9 l
35553	Free ultrasonic cleaner 9 l - with heating and discharge

ULTRASONIC CLEANER



• 35549 GIMA 50 ULTRASONIC CLEANER 0.6 l

This ultra-compact cleaner is very easy to use, efficient and economic. Ideal to clean small objects. Electronic, non adjustable timer with plastic cover and basket. No heating. Internal size: 168x89x55 mm.

Supersonic wave 46,000 cycles per second.

GENERAL PURPOSE CLEANER

• 35544 BRANSON GENERAL PURPOSE

CLEANER - bottle 1 l concentrate

BRANSON PURPOSE is a cleaning solution developed for use with ultrasonic cleaners. Removes general soils, fingerprints, dust, light oils and greases.

Branson cleaning liquid has been specially developed to provide optimal transfer of acoustic energy.

Mainly used in: dentistry, medical and optical applications, laboratory, electronics, gold and silver works.



CHEMICAL SPECIFICATIONS

Concentration: 10-12%
Biodegradability: yes
Phosphate free
Concentration PH: 13.5
Rinsability: good

GIMA QUICK: STERILIZATION IN 2 MINUTES

• 35640 GIMA QUICK - hot bead sterilizer

• 35642 GIMA QUICK PLUS with thermometer

GIMA QUICK hot bead sterilizer has been designed and developed specifically for medical use. Also recommended for dentistry, podology, veterinary, tattoo and beauty studios. It ensures a quick and effective sterilization.

It sterilizes files and mirrors in 2 minutes, surgical instruments in 2 minutes, curettes and forceps in 3 minutes.

Its constant temperature over 230°C ensures the total destruction of micro-organisms and spores in few seconds.

GIMA QUICK has epoxydic powders painted steel casing; the inside cylinder is completely isolated by fibres and glass, which prevents heat from being transmitted to the external casing.

It can work continuously for the whole day.

Supplied with a pack of glass beads (220 g).

Made in Italy.

• 35645 PYREX BASIN

• 35646 PACK OF GLASS BEADS



TECHNICAL SPECIFICATIONS	
Outer structure in white painted steel	Weight: 2.8 kg
Size: 130x130x190 mm	Power consumption: 150 W
Copper plated basket: diameter 5.5 cm depth 7.5 cm	Operating voltage: 220 V - 50 Hz.
	Warranty: 12 months
	Made in Italy

DIGITAL OR THERMOVENTILATED DRY HEAT STERILIZERS



35584

Outer case and front completely made of stainless steel, included the drummed door strongly insulated with non-conducting material

TITANOX dry heat sterilizers 20, 60, 120 litres. Inner structure and height adjustable inner shelves completely made of stainless steel. Door with lock and key.

Thermoventilated unit: to guarantee the uniformity of the temperature in the heating room and to allow the circulation of the air, the device is provided with a ventilation motor that results always in operation, both during the cycle of heating and during the pauses of cooling.

Digital unit: adjustable aeration tunnels, placed on the bottom of the right side and on the top of the left side for hot air adjustment and circulation, which is useful for a quick cooling of the device.

code	GIMA code	Capacity	Outside dimensions (mm)	Inside dimensions (mm)
Thermoventilated	Digital			
35583	35586	20 l	570x345xh 400	405x255xh 210
35584	35587	60 l	705x450xh 475	535x320xh 345
35585	35588	120 l	835x565xh 555	670x420xh 415



35586

Outer case made of steel, hinged door completely made of stainless steel

Supplied with manual in: GB, FR, IT, (ES on request) and 2 height adjustable trays. Made in Italy.

TECHNICAL SPECIFICATIONS

Thermoventilated:

Timer 0-120 minutes that switches off the oven at the end of the planned time
 Probe thermometer from 0° to 200°
 Probe thermoregulator from 0° to 200°
 Safety thermostat
 Ventilator for forced ventilation
 Double check up light bulb

Digital:

Electronic running C.P.S.
 Use modality: continuous (stand by) or timed
 Timer from 0 to 250 minutes
 Optimum heat distribution
 Automatic indication for possible problems of feeding (in case of mains tension lack, the program will start again from the beginning)

Operating voltage: 230 V - 50/60 Hz (110 V on request with surcharge for 35583-5)



35586

TAU STERIL AUTOMATIC DRY HEAT STERILIZERS 1.6, 6, 18 LITRES



35600



35606



35606



35619

Shining 18/8 stainless steel non corrosive, almost indestructible sterilization chamber which reflects the heat to reach rapidly desired temperature.

Front door, side and back in epoxy powder painted

- 35600 TAU STERIL 1.6 - automatic hot air sterilizer
- 35606 TAU STERIL 6 - automatic hot air sterilizer
- 35619 TAU STERIL 18 - automatic hot air sterilizer

TAU sterilizers have been designed to satisfy all daily medical requirements in the field of sterilization. Extremely robust, totally automatic, guarantee complete working safety.

TAU 1.6 and 6 have double wall and inner insulation, outside is made of stove-enamelled sheet steel, inside of stainless steel 18/8 (double cover, sterilization chamber and removable perforated tray).

TAU 18 comes complete with safety fuses, neon warning lights to control timer and thermostat, power cable, 3 itallumac treated shelves (375x200 mm), shelf extracting tongs.

TECHNICAL SPECIFICATIONS

	TAU 1.6	TAU 6	TAU 18
Inside dimensions (mm):	245x115xh 55	385x170xh 90	375x230xh 200
Outside dimensions (mm):	310x180xh 180	495x310xh 220	440x310xh 380
Weight:	5 kg	10.5 kg	14 kg
Operating voltage:	220 V	220 V	220 V
	110V available on request		
Power consumption:	250 W	400 W	600 W
Fuses:			3.15 A
Thermostat:	Automatic capillary bulb type with self registration from 90° to 200°		
Timer:	from 0 to 120 minutes		
Thermometer:	high precision with capillary bulb		
Made in Italy			



HOT AIR STERILIZERS: GIMETTE 1.5, 7, 21, 28 AND 50 LITRES



GIMETTE 1,5

35601

- 35601 GIMETTE 1.5 - hot air sterilizer
- 35607 GIMETTE 7 - hot air sterilizer



Automatic Gimette are compact and high quality hot air sterilizers with the same reliability and efficiency as larger models. Outside structure is made of painted plate with anti-scratch epoxy powder. Stainless steel lid and sterilization chamber with approx. Capacity of 1.5 l and 7 l. Removable, perforated for air circulation, tray with pliers. All components certified by most important European brands, assembling in compliance with EN-61010. A second safety thermostat triggers in case temperature should exceed 220°C. Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.

- 35631 RESISTOR 250 W for 35601 - spare
- 35632 RESISTOR 400 W for 35607 - spare
- 35612 GASKET for 35607 - spare
- 35613 GASKET for 35601 - spare



GIMETTE 7

35607

TECHNICAL SPECIFICATIONS

GIMETTE 1.5
 Inside dimensions: 245x120x50 mm = vol. 1.5 dm³
 Outside dimensions: 310x180x180 mm
 Weight: 4.3 kg
 Power consumption: 250 Watt
 Fuse: 1 A

GIMETTE 7
 Inside dimensions: 410x180x90 mm = vol. 7 dm³
 Outside dimensions: 490x310x180 mm
 Weight: 8 kg
 Power consumption: 400 Watt
 Fuses: 2 x 2.5 A
 Thermometer: high precision with capillary bulb

Same specifications for both models:
 Operating Voltage: 230 V - 50 Hz
 Thermostat: automatic, adjustable 0-200 °C
 Timer: manual from 0 to 120 minutes
 2° Thermostat: bi-metallic certified
 Green LED: timer, orange LED: heating, red LED: alarm
 Made in Italy - Warranty 1 year
 User/Service manual in IT, GB, FR



GIMETTE 21

35621

- 35621 GIMETTE 21 - hot air sterilizer
- 35628 GIMETTE 28 - hot air sterilizer
- 35629 GIMETTE 50 - hot air sterilizer



Fully automatic hot air sterilizer, with adjustable temperature from 0°C to 200°C, kills off even particularly resistant micro-organisms. Stainless steel structure is powder painted, except for the door, to assure maximum heat and shock resistance over time. Four perforated, anodized aluminium trays make hot air circulation easier. Capacity approximately 20 l, 28 l and 50 l. A second safety thermostat triggers in case temperature should exceed 230°C.



GIMETTE 28

35628

Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.

TECHNICAL SPECIFICATIONS

	GIMETTE 21	GIMETTE 28	GIMETTE 50
Inside dimensions mm:	300x250x260	380x250x260	405x340x350
Approx. volume	20 dm ³	28 dm ³	50 dm ³
Outside dimensions mm:	440x340x400	550x340x400	605x460x480
Weight:	13 kg	17 kg	24.5 kg
Power consumption:	600 Watt	500 Watt	1200 Watt

Same specifications for 3 models:
 Operating Voltage: 230 V - 50 Hz
 Fuses: 2 x 4 A (35621, 35628) 2 x 8 A (35629)
 Timer: manual from 0 to 120 minutes
 Thermostat: automatic
 Thermometer: high precision with capillary bulb
 2° Thermostat: bi-metallic certified
 Green LED: timer, orange LED: heating, red LED: alarm
 Made in Italy - Warranty 1 year
 User/Service manual in IT, GB, FR

SPARE ACCESSORIES

STERILIZER	TRAY	GASKET	RESISTOR 600 W
Gimette 21	35610	35614	35639
Gimette 28	35611	35615	35639
Gimette 50*	-	35617	35639

*Needs 2 resistors

PRESTIGE CLINICAL AUTOCLAVES: EXCELLENCE THROUGH DESIGN



Manual in: GB, FR, IT, DE, ES, PT, NL, DK, NO, SE, GR

code	PRESTIGE MEDICAL AUTOCLAVES
35709	Prestige autoclave 9 litres
35712	Prestige autoclave 12 litres
35720	Silicone sealing gasket
35724	Depressurization valve - since 2011

PRESTIGE AUTOCLAVES - class N

Prestige is one of the world's largest selling and most cost effective automatic autoclave available, with an enviable reputation for reliability, durability, safety and quality.

- method recommended by healthcare professional worldwide including the World Health Organisation (WHO)
- each autoclave is computer tested and issued with a unique Performance Test Certificate
- at only 4.5 kg net weight, offers full device portability
- supplied with basket and multilingual user manual

Recommended for infection control not only in hospital and general medical and dental surgeries, but also in veterinary, chiropody, professional beauty, tattooists, acupuncture, laboratories and schools.

Comply with: IEC 61010 (product safety), BS3970 part 4 (pressure vessel only), BS 5500 (pressure vessel).

TECHNICAL SPECIFICATIONS

	35709	35712
Capacity:	9 l	12 l
Chamber internal dimensions (D/H)	210/236	210/328
Maximum instrument length (diagonal):	228 mm	290 mm
Maximum loading weight:	3 kg	4 kg
Width/height:	340/335	340/420

Same specifications for 2 models:

- Sterilizing time: 11 minutes
- Cycle time (nominal): 22 minutes
- Operating pressure: 1.40 bar
- Sterilizing temperature: 126 °C
- Operating voltage: 230 V - 50-60 Hz - Power 1,250 Watt
- Made in UK - Warranty: 1 year



GIMA VERTICAL AUTOCLAVE H100 - 9 LITRES - CLASS N

• **35746 H100 GIMA AUTOCLAVE - 9 litres - 230 V**

Safe and easy to use autoclave to sterilize surgical instruments and hand-pieces which can be sterilized up to 125°C, with a sterilization cycle of 15 minutes only. External frame of painted steel and stainless-steel 18/10 body without any welding. Equipped with three safety valves. Made in Italy.

Safety systems

- safety lock to prevent opening of the door during the sterilization cycle; the door can only be opened when pressure inside the chamber is levelled to the ambient one
- safety valve for vapour exhaust in case of damage with inside overpressure > 2.5 bar. Safety valve TUV certified (PED IV)
- safety thermostat which occurs if the inner temperature of the chamber rises over 135°C
- safety valve kit to adjust pressure if it rises over 2.0 bar
- thermodynamic vacuum

Complies with 93/42/EEC Class IIb, IEC601, EMC

• **35747 SEALING GASKET for H100** with serial number: A, D, E, F, K, L. Please advise if different serial number.

STANDARD ACCESSORIES

- Stainless steel basket int: Ø 195xh 183 mm
ext: Ø 210xh 210 mm with feet
- Electric cable
- Distilled water bottle 1 l
- User manual in GB, IT, ES on request FR, DE

TECHNICAL SPECIFICATIONS

- External size: 250x385xh 310 mm
- Size of the sterilizing chamber:
Ø 220 mm - h 235 mm
- Removable basket: Ø 210 mm - h 210 mm
- Sterilizing liquid: distilled water
- Absorbed power: 1500 Watts
- Operating voltage: 230 V - 50/60 Hz
- Fuses: type 6.3 x 32 mm - 8A
- Operating temperature: 125 °C
- Sterilizing time: 15 minutes
- Operational pressure:
1.3/1.6 bars (130/160 kPa)
- Net weight: 13.3 kg
- Warranty: 1 year



Starting cycle knob

35746

GERMY GIMA PLUS: GERMICIDAL ULTRAVIOLET LAMPS



35751

- 35750 GERMICIDE GIMA PLUS 8 W - 38x20xh 17 cm
- 35751 GERMICIDE GIMA PLUS 15 W - 50x24xh 20 cm
- 35752 GERMICIDE GIMA PLUS 30 W - 96x24xh 20 cm
- 35754 SPARE NEON LAMP - 8 Watt
- 35755 SPARE NEON LAMP - 15 Watt
- 35756 SPARE NEON LAMP - 30 Watt

AVAILABLE IN 3 SIZES

GERMY GIMA PLUS: ULTRA VIOLET LAMPS

These instruments incorporate a germicidal ultra-violet lamp which rapidly destroys every micro-organism hit by its rays. Recommended to keep the instruments stored inside sterile. Instruments previously sterilized can be preserved for a long time and they are always ready for use (UV treatments do not generate heat).

An inside supporting grate keeps instruments raised from reflecting surface which enables both surfaces to be uniformly irradiated, improving the UV germicidal action.

Operator safety is guaranteed by a micro switch which extinguishes the lamp if door is opened.

Solid construction, painted steel outside and reflecting stainless steel inside.

Installation on table or wall.

Operating voltage: 230 V - 50/60 Hz - 1 A

Made in Italy.



HYDRA EVO ELECTRONIC 15 OR 18 L STEAM AUTOCLAVE - N

- 35658 HYDRA EVO AUTOCLAVE - 15 litres - 230 V
- 35659 HYDRA EVO PLUS AUTOCLAVE - 18 litres - 230 V

Automatic steam autoclaves for the sterilization of unwrapped instruments. Closure system with an operator safety pivot. Thermodynamic system for the ejecting of the "cool" air locks.

Two sterilization cycles: 121°C and 134°C

Automatic phases of pre-heating, sterilization cycle and drying.

Pre-set, non-modifiable cycles

All cycles are pre-set at the factory and guarantee perfect and safe sterilization of treated materials. There is no way the operator can manipulate or alter the cycles, and this safeguards against risks deriving from human error.

Pre-set temperatures

The temperatures set for our autoclave cycles are 134°C and 121°C. The 134°C cycles are normally used for the sterilization of solid and ferrous materials. 121°C cycles are normally used for sterilization of thermoplastic and delicate materials.

Water tank

Hydra EVO only has one water tank. This tank must be filled with distilled or demineralized water and acts as a container for collecting the used water which is then re-utilized for new cycles.

Safety on the door

Each door is equipped with 2 locks:

- a mechanical one which does not open when pressure is exerted
- a dynamic one, that operates thanks to a special form of door seal

Safety devices installed

- Certified safety valve
- PED on sterilization chambers
- Insulation of the chamber with certified ceramic material.



35658

93/42/EEC
73/23/EEC
93/336/EEC

Medical device
Low tension
Electromagnetic
Compatibility

CE 0434

TUV
CHAMBER TEST



MICROBIOLOGIC
CERTIFICATION



Controls on the Autoclave

- Control of the water that enters into the chamber
- Safety Thermostat
- Time Control

The sterilization chamber is completely stainless steel AISI 304 and it is heated by a band shaped heating element which grants uniformity of the heat. Supplied with four aluminium trays and one key for their extraction.

User manual available in English, French, Italian, Spanish.

- 35671 Sealing GASKET - spare
- 35669* HEATING BAND DHY A035 for 35650, 35654
- 35670* HEATING BAND DXB A835 for 35658, 35659

*Need serial number of autoclave

Cycles	Materials	Sterilization time	Drying time	Max load	Working pressure
Not wrapped 121° C	•Fragile solids •Rubber solids •Glass •Turbines if indicated by producer	20 min.	5 min.	2.8 kg 700 g load in any tray	1.2+1.3 bars
Not wrapped 134° C	•Stainless metal solids •Turbines if indicated by producer	10 min.	5 min.	2.8 kg 700 g load in any tray	2.1+2.2 bars

TECHNICAL SPECIFICATIONS

Stainless steel chamber: Ø 24.5 x 32 cm Ø 24.5 x 40 cm (Plus)
External size: 44 x 38 x 50 cm (W x H x D)
Net weight: 35 kg
2 sterilization cycles: 121°C and 134°C
Operating Voltage: 230 V±10% - 50/60 Hz
Power consumption: 1700W
Class N
Made in Italy - Warranty: 1 year



NUBYRA 6 LITRES STEAM AUTOCLAVE - CLASS N



35647

- 35647 NUBYRA AUTOCLAVE - 6 litres - 230 V

Electronic steam autoclave for the sterilization of unwrapped instruments. 2 fully automatic, microprocessor controlled, sterilization cycles: at 134°C or 121°C with short or long automatic drying.

LCD display with visualization of temperature and pressure for total control of sterilization cycle. Easy closure system with double safety sensor. Air pockets automatic ejection system: thermodynamic system for the ejection of "cold" air pockets. Anodized aluminium chamber, 2 electronic temperature sensors (1 inside chamber and 1 outside) and electronic transducer for better control of pressure.

Supplied with 3 aluminium trays.

- 35648 GASKET - spare

93/42/EEC
2014/35/UE
2014/30/UE
EN 13060

Medical device
Compatibility

CE 0051

Cycles	Materials	Sterilization time	Drying time	Max load	Working pressure
Not wrapped 121° C	•Fragile solids •Rubber solids	18 min.	5 min. short dry or 15 min long dry	1 kg 500 g load in any tray	1.1+1.2 bars
Not wrapped 134° C	•Fragile solids •Rubber solids	6 min.	5 min. short dry or 15 min long dry	1 kg 500 g load in any tray	2.1+2.2 bars

TECHNICAL SPECIFICATIONS

Anodized aluminium chamber: Ø 17x26.5 cm - 6.11
External size: 44.5x48x35 cm
Trays size: 1 large 15x24x2 cm
2 small 11x24x2 cm
Maximum load: 1 kg (short dry)
0.5 kg (long dry)

2 sterilization cycles: 121°C and 134°C
Operating voltage: 230V - 50/60 Hz
Max absorbed power: 1,350 Watt
Net weight: 27 kg Class N
Made in Italy - Warranty: 1 year
User manual: GB, IT (FR, ES on request).

EUROPA B EVO: CLASS B AUTOCLAVE 15 AND 24 I

EN13060

Tray holder with 4 aluminium trays



Supplied with 1 closed tray holder, 4 aluminium trays, 1 double-use key for tray extraction and door adjustment, water loading and unloading hoses, chamber cleaning sponge and integrated osmosis system (35657 only)



35653



Constant control and monitoring of the entire autoclave functional system.



Sterilization Cycles
121°C-134°C suitable for both enveloped and free materials.
All cycles are for type-B loads.

As regards to safety in health practice, sterilisation is the first aspect to consider. Autoclaves offer physical and legal safety. This is why autoclaves must be chosen according to rational logics and based on professional and not only cost-related evaluations.

With the new EN 13060 standard, the choice of the right autoclave is now easier for professionals: they must choose a certified, adequate model, based on the type of materials to sterilise. A B-type loads autoclave allows to sterilize hollow materials such as handpieces and turbines and porous materials (overalls, gauze...).

P.I.D. System (Proportional Integral Derivate)

It represents the top of closed loop controls. P.I.D. ensures a constant control and monitoring of the whole operating system of the autoclave, acting automatically in case of anomalies or incorrect technical and electronic parameters.

Internal tanks

All the autoclaves are equipped with an internal tank for pure water and another for used water. Each tank is equipped with probes to detect the minimum and maximum water levels.

Preset temperatures

The preset temperatures used in our autoclaves cycles are 134°C and 121°C. 134°C cycles are normally used for sterilization of solid and ferrous materials. 121°C cycles are normally used for sterilization of thermoplastic and delicate materials.

Ease of use

Sterilization cycle is selected by pushing one button and activated by pushing another. First button allows to scroll and view data about all sterilization cycles on the display and select the cycle that suits your materials best, second button automatically starts the whole sterilization cycle. It is impossible to make mistake or choose an inadequate sterilization cycle. In case of any error or warning a series of messages and LEDs will inform you about the problem.

Fully automatic cycles

All cycles are fully automatic, with all steps managed by the leading-edge computer board with a powerful microprocessor. Each step (vacuum, preheating, exposure time, drying) is automatically monitored, assisted and handled. There is no need for human intervention in cycle management.

Cycles without operator intervention and with autoshutdown In sterilization cycles an automatic function will trigger an anti-

condensation process and auto-shutdown if the operator is not by the machine when the cycle ends.

Test cycles

Our autoclaves are equipped with test cycles for periodic control by means of physical and functional tests.

Helix test, to assess vacuum capacity in hollow bodies.

Bowie & Dick test to evaluate vacuum capability in hollow bodies. Vacuum test to evaluate vacuum retaining capability.

Constantly monitored cycles

A device constantly controls and monitors the sterilization cycles. Any anomaly or uncommon feature is quickly detected and immediately blocked if it jeopardises the sterilization cycles. The operator is warned of the anomaly by a message.

All cycles ensure sterilization of B-type loads

All the sterilization cycles feature the fractional vacuum system as well as the controls of parameters that ensure sterilization of B-type loads. Therefore, even if the type of cycle chosen is incorrect the sterilization carried out on the material will be equally adequate.

Integrated Osmosis system (35657 only)

Inverse osmosis is a safe water treatment system that eliminates even the tiniest polluting particle, to guarantee bacteriological purity. It works through an osmotic membrane which is able to filter water down the molecular levels.

code	CLASS B AUTOCLAVES
35653	Europa B Evo Autoclave - 15 l
35657	Europa B Evo Autoclave - 24 l with integrated osmosis system
SPARES	
35672	Bacterial filter for Europa B conical threading 1/8 Compatible also with W&H, Cominox, Mocom, Mediline, Euronda
33250	Thermal paper 57mm x 25m (pack of 5 rolls)

Cycles	Working pressure min-max	Minimum time of the total cycle* - minutes	
		Europa B EVO	Europa B EVO 24
121° C Wrapped	1.04 - 1.30	60 min. (25+18+17)	56 min. (25+18+13)
121° C Unwrapped	1.04 - 1.30	49 min. (25+18+6)	55 min. (25+18+12)
134° C Flash	2.02 - 2.38	31 min. (25+4+2)	33 min. (25+4+4)
134° C Wrapped	2.02 - 2.38	47 min. (25+5+17)	43 min. (25+5+13)
134° C Unwrapped	2.02 - 2.38	36 min. (25+5+6)	42 min. (25+5+12)
134° C Prion	2.02 - 2.38	62 min. (25+20+17)	58 min. (25+20+13)

*The total time includes: vacuum, pre-heating time, cycle and drying phase.

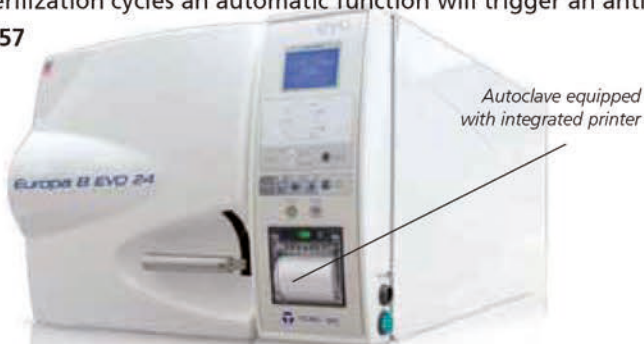
The times are to be intended for a fully loaded autoclave.

All sterilization cycles have 3 stages of vacuum.

Vacuum and pre-heating time can vary depending on the conditions of autoclave from 25 to 35 minutes

	TECHNICAL SPECIFICATIONS	
	35653 Europa B - 15 l	35657 Europa B - 24 l
External size mm (WxHxD):	510x390x590	510x390x730
Chamber size mm (Øxdept):	245x320	245x500
Operating voltage	230V - 50/60 Hz	230V - 50/60 Hz
Max absorbed power	1,700 W	2,200 W
Weight kg:	54	58
Built in printer:	yes	yes
Manual closing:	yes	yes
Fitting for pura deioniser:	yes	yes
PID system	yes	yes

35657



Autoclave equipped with integrated printer

ANDROMEDA VACUUM XP AUTOCLAVE WITH PRINTER 15-21 LITRES

Twin tanks for pure and used water: by using always pure water, the internal components are protected, with benefits in maintenance and service costs

Door opening block with electromagnet



Door gasket

Bacteriological filter

CLASS S



Stainless steel chamber, uniformly heated by a band heating element

Electronic printer

Digital control

93/42/EEC
73/23/EEC
93/336/EEC

Medical device
Low tension
Electromagnetic
Compatibility

Andromeda Vacuum is supplied with printer built into the drive board. The printer document certifies the sterilization by indicating all the data related to the cycle.

- 35651 ANDROMEDA VACUUM XP - 15 litres - 230 V
 - 35662 ANDROMEDA VACUUM XP - 21 litres - 230 V
- Pre-and post-vacuum:** Andromeda Vacuum is provided with powerful vacuum pump which, at the beginning of the cycle, ejects the airpockets from the sterilization chamber, and at the end of the sterilization phase ensures a very good drying.
- Rapid preheating:** A very new method of preheating, through a special band heating element, gives a high reduction of the preheating times.
- Guaranteed sterilization:** A sophisticated electronic device gives a constant monitoring of pressure, temperature and time. In case of anomalies there will be an electronic lock of the autoclave and the display will indicate the anomaly.

TECHNICAL SPECIFICATIONS

External size: 45x39x54 cm (35651), 45x39x66 cm (35662)
 Chamber dimension: Ø 24.5x32 cm depth (35651),
 Ø 24.5x43 cm depth (35662)

Weight: 50 kg
 Operating Voltage: 230 V - 50/60 Hz
 Power consumption: 2000 Watt
 Made in Italy Class S



Andromeda Vacuum is provided with 5 cycles of sterilization: 121° C and 134° C for unwrapped and wrapped instruments, and a "Flash" cycle for the fast sterilizations.

Cycles	Temperature	Max load	Pressure	Total time*
Program 1 Unwrapped instruments	134° C	2.8 kg	2.2	33
Program 2 Wrapped instruments	134° C	2.8 kg	2.2	38
Program 3 Unwrapped instruments	121° C	2.8 kg	1.2	42
Program 4 Wrapped instruments	121° C	2.8 kg	1.2	46
Program 5 Flash	134° C	2.8 kg	2.2	16

* pre-heating - vacuum - cycle - drying in vacuum

User manual available in English, French, Spanish, Italian, German

"Night" cycle with anti-condensate device

Andromeda Vacuum can work also without the operator presence as all functions are automatic. At the end of each cycle a special device eliminates the backwater of condensate, afterwards there is the automatic sign off, but with electronic storage.

Safety of the operator: Andromeda Vacuum has an electromagnetic block device on the door. The door opens only with atmospheric pressure into the chamber, and after having pressed the push button.

Completely computerized monitoring of all automatic functions, and auto-diagnosis of each component. The total automation of each phase of the cycle prevents any possible human error, also from inexperienced personnel

Timed start, with positioning in "Stand-by" at 80°C and automatic switch off after one hour not in use.

Automatic filling up of the water: a pump allows the filling up, and stops automatically when the maximum level is reached.



- 35671 SEALING GASKET - for Andromeda and Europa
- 35672 BACTERIAL FILTER - for Andromeda and Europa
- 35673 VAPOR LINE STERILIZATION INTEGRATOR - for Andromeda and Europa
- 35652 THERMAL PAPER 60 mm x 25 m

DISTILLER: SYSTEM OF WATER DISTILLATION



Size Ø 20 cm x h 36 cm

35690

• 35690 WATER DISTILLER

The autoclaves must run with distilled or demineralised water to avoid problems on electrovalves and on internal mechanism and white traces of limestone on the sterilized tools and devices. Distiller produces 100% distilled water in a cheap and safe way. It produces 4 litres in about 7 hours.

It is equipped with an automatic control thermostat with block system at the end of operation.

Supplied with 6 active coal filters, 1 detergent, 1 container for produced distilled water. Operating Voltage: 220 V - 50-60 Hz.

- 35691 COAL FILTERS FOR DISTILLER - box of 12
- 35692 DETERGENT FOR DISTILLER

DIGITAL SEALING MACHINES WITH/WITHOUT DOT MATRIX PRINTER



35909, 35910

- 35909 D-400 SEALING MACHINE without printer
 - 35910 D-500 SEALING MACHINE with dot matrix printer
- Continuous sealing machines for medical pouches according to DIN rules 58953-7:2010 with or without dot matrix printer. They allow a 12 mm multi-line seal and features stand-by function and automatic infeed through photocell. D-500 is equipped with **built-in printer** to print different data on the bag (sterilization/expiry dates) during the sealing process in order to provide constant control on the sterility of your instruments, especially when the paper layer of the

sterilization bag is less tight, after 30 days, and consequently losing instruments sterility. Built in epoxy coated stainless steel. D-400 and D-500 are sophisticated units controlled by a microprocessor and equipped with a device to adjust temperature (displayed by LCD) and printing parameters. **The sealing pressure is automatically adjusted according to the material thickness.** It also guarantees 30 mm safety distance between seal and product, according to DIN rules. Easy to use and maintenance-free, they are the ideal solution for clinics and hospitals. Compatible for sealing with Tyvek rolls and envelopes. Made in Italy.



- 35912 INK-CARTRIDGE D-500/700 - spare part

TECHNICAL SPECIFICATIONS		
	35909	35910
Infeed speed	6 m/min	
Temperature control	by digital thermoregulator	
Sealing temperature	40°±200° C	40°±180° C
Temperature tolerance	±5° C	
Seal	Multiline	
Seal width	12 mm	
Adjustable free edge	0 ÷ 30	
Power supply	230 V-50 Hz-single phase	
Absorption	500 W	600 W
Dimensions	473x235xh 181 mm	
Net weight	11.5 kg	12 kg

SEALING MACHINES WITH VALIDATION SYSTEM



35915, 35916

COMPLYING WITH
ISO 11607 P.2,
ISO/TS 16775

- 35915 D-600 ROTARY HEAT SEALER - without printer
 - 35916 D-700 ROTARY HEAT SEALER - with printer
- With validation system complying with ISO 11607 P.2 rule. GIMA 600 and GIMA 700 have been designed to continuously monitor, during the whole sealing phase, all critical process parameters: Temperature, Speed, Pressure. They guarantee sealing in full respect of EN 868-5 / ISO 11607 P.2 rules, provide real-time monitoring of working temperature, applied force

and running speed, time used during the sealing process. All sealing data can be recorded on an external carrier which can be linked to the sealer through a USB port placed on the unit. They are controlled by a microprocessor. Operator's interface is a clear 2 line display, integrated in an ergonomic keyboard placed at the upper side of the sealer in an extremely user friendly position. Simple use, high reliability, they are the ideal solution for hospitals and clinics. Compatible for use with Tyvek rolls and envelopes. Made in Italy.

- 35912 INK-CARTRIDGE D-500/700 - spare

TECHNICAL SPECIFICATIONS		
	35915	35916
Sealing width	12 mm	12.5 mm
Seal	multiline	
Sealing speed	6 m/min	8.5 m/min
Temperature adjustment/ tolerance	10-200°C ± 5° C	
Alarms functioning out of tolerance	yes	yes
Automatic stand-by	yes	yes
4 key membrane keyboards	yes	yes
LCD display 2 lines	6 characters	8 characters
Multilanguage menu	yes	yes
USB port	yes	yes
Data storage on pendrive	yes	yes
Power	230 V / 50 Hz - single-phase (on request 110 V, 60 Hz)	
Max electrical input:	500 W	500 W
Dimensions - Weight:	473x235x181 mm - 12.5 kg	

STEAM AND DRY HEAT ADHESIVE TAPE INDICATORS



35846

35842

MEET EN ISO 11140-1 : 2014
FOR PART APPLICABLE TO TYPE 1 E1

STEAM AND DRY HEAT TAPE INDICATORS

Gima range of tapes is specially formulated for packing purposes as well as to show visibly that the pack has undergone a sterilization cycle. The backing of the different tapes is made of strong, semicreped, impregnated paper which gives excellent conformability during the application. Sterile tapes unwind easily and can be torn by hand without difficulty.

Special adhesives formulated to withstand high temperature and humidity ensure excellent bond to paper, plastic, non-wovens, board, metal, glass and linen.

Each tape is individually packed with due date. Made in Italy.

TAPE INDICATOR - 50 m	Width 19 mm	Width 25 mm	Minimum order
Dry Heat Tape - hot air sterilizer	35842	-	12 rolls
Steam Tape - autoclave	35846	35847	12 rolls

D-351 SEALING MACHINE: ELECTRO-MAGNETE OPERATION



35900

Electromagnet closing

• **35900 D-351 IMPULSE SEALING MACHINE**
Compact impulse medical sealers, conform to DIN 58953 P.7 rules, specially designed to be used in medical, dental, oculistic surgeries and test laboratories.
Main features: sealing and cutting length 35 cm - Safety check with alarm. Main board with temperature control to avoid overheating of the sealing wire - Sealing bars closed by electromagnet. Complete with foil-roll dispenser and built-in cutting device.

Easy: by the pressure of only one finger, without using levers, the bars close automatically. The electro-magnet guarantees a steady sealing pressure for the whole set period. The sealing bar opens automatically at the end of the cycle, requiring no action by the operator.

Quick: the electro-magnetic system allows a substantial saving of the packing time. Quick foil feeding.

Safe: the machine does not start the sealing cycle if there is an object with a thickness over 3 mm between the bars.

The electronic temperature control through a NTC probe provides a perfect temperature accuracy from seal to seal. The electronic alarm function avoids any overheating.

Made in Italy.

• **35902 TEFLON** - spare

• **35903 RESISTOR** - spare

TECHNICAL SPECIFICATIONS

Sealed materials: paper/polyethylene/polyester
Sealing length: 350 mm
Sealing width: 8 mm as per DIN 58953-7:2010
Electronically controlled sealing time: 0.5 sec.
Cutting length: 350 mm Foil-roll dispenser 350 mm
Power: 230V- 50/60 Hz single - phase
Max absorption: 700W, only during the sealing time
Dimensions: 44x17.5x31 cm Weight: 18 kg
Built in accordance with CE Norms

GD-301 EVO SEALING MACHINE FOR CONTINUOUS HEAT SEALING



35929

TECHNICAL SPECIFICATIONS

Flat sealing 12 mm Sealing length 300 mm
Thermo controlled continuous heat sealing
Built-in cutting device
Fixed sealing temperature and sealing time
Manual actuation Power 230 V / 50-60 Hz, single phase
Electrical input: 900 W Protection degree IP 20
Sealer dimensions 452x248x146 mm
Roll-holder dimensions 458x412x242 mm

• **35928 GD-301 EVO SEALING MACHINE** - machine only

• **35929 GD-301 EVO SEALING MACHINE** - complete

Manual heat sealer for medical pouches and reels according to DIN 58953-7:2008. New models with 3 ceramic heater elements for a faster and more accurate sealing and **improved infeed and outfeed guide** to keep film flat (infeed) and prevent the film moving upward inside machine.

Available in 2 versions: compact without accessories (35928) or with sealer roll holder, cutter and plane (35929)

User friendly, reliable and extremely compact, ideal in dentistry, medical and veterinary laboratories.

Sealing bar 300 mm manually actuated by a lever. Thermo controlled continuous heat sealing, to save consumables. Compact vertical design to reduce space at the minimum. Integrated, removable roll-holder, can stand alone apart from the sealer.

Usable only with polypropylene film coupled to medical grade paper and/or plastic envelopes suitable for steam sterilization.

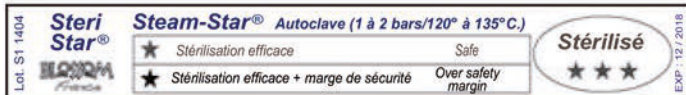
• **35933 CERAMIC HEATING ELEMENTS** - spare

• **35935 BLADES** - kit of 5 - spare



35928

TESTS FOR AUTOCLAVE



EN 867 - Class D
ISO 11140 - Class 6

• **35849 "STEAM STAR" INDICATOR** - autoclave - box of 1,000

Indicator for sterilization by autoclave with pressure 1 to 2 bar 120°C/135°C. No special stocking requirements. Safety and reliability. Made in Japan.

Notice "Sterilisé" and three stars drawing change colours

from white to dark brown to show safe sterilization of 121°C - 15 minutes or 134°C - 3.5 minutes

from white to black to show sterilization over safety margin 121°C - 20 minutes or 134°C - 5 minutes

BOWIE & DICK TEST READY FOR USE



35853

Colour change from dark to green



Test sheet before sterilization

Test sheet after sterilization Failed test

Test sheet after sterilization Correct test

• **35853 UPSTAR** - "BOWIE & DICK" - test - 14x14x0.8 cm

The Bowie & Dick ready to use test pack is designed to control the proper functioning of steam autoclave and to test its ability to sterilize porous devices (compresses, fields, gowns, woven or non-woven,...).

- High sensitivity: detects any default.

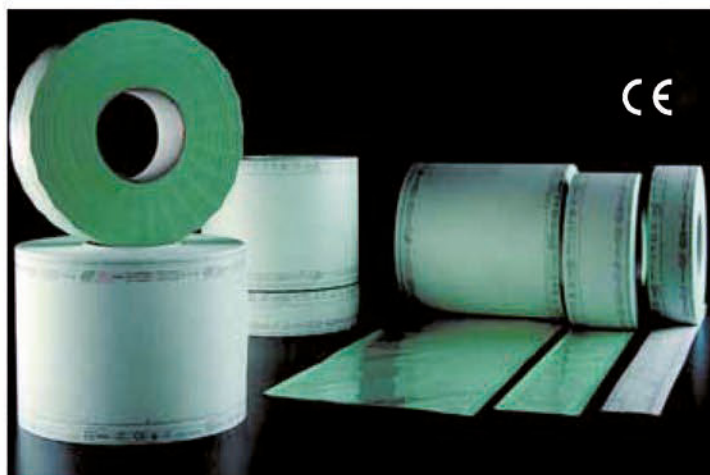
- Easy interpretation.

- Stability of color change.

- Waterproof aluminium packaging

EN 867 - Class B
ISO 11140 - Class 2

ROLLS FOR AUTOCLAVE, STEAM AND ETO



OTHER SIZES AVAILABLE

FLAT ROLLS for sterilization by steam or ethylene oxide gas
Flat rolls consist of transparent, polyester-polypropylene film coupled to medical grade paper which permit steam and gas penetration during sterilization. Steam and gas indicators provide clear colour changes when exposed to sterilization process. Each roll is 200 m long.

FLAT ROLLS FOR AUTOCLAVE, STEAM AND ETO				
code		External m x mm	Internal m x mm	Minimum order
35810	Flat rolls	200x50	200x36	8 rolls
35811	Flat rolls	200x75	200x53	8 rolls
35812	Flat rolls	200x100	200x78	4 rolls
35813	Flat rolls	200x150	200x128	4 rolls
35814	Flat rolls	200x200	200x178	2 rolls
35817	Flat rolls	200x250	200x228	2 rolls
35815	Flat rolls	200x300	200x278	2 rolls
35816	Flat rolls	200x400	200x378	1 roll

GUSSET ROLLS FOR AUTOCLAVE, STEAM AND ETO				
code		External m x mm x mm	Internal m x mm x mm	Minimum order
35871	Gusset rolls	100x100x25	100x78x25	4 rolls
35872	Gusset rolls	100x150x25	100x128x25	4 rolls
35873	Gusset rolls	100x200x30	100x178x30	2 rolls
35874	Gusset rolls	100x250x32.5	100x228x32.5	2 rolls
35875	Gusset rolls	100x300x40	100x278x40	1 rolls
35876	Gusset rolls	100x400x40	100x378x40	1 rolls

GUSSET ROLLS for sterilization by steam or ETO
Made with coated film PET 12/PP 40 green and 60 g medical white paper.
For sterilization of voluminous objects.
Each roll is 100 m long.

FLAT AND SELF-SEAL POUCHES FOR AUTOCLAVE



SELF-SEAL POUCHES
for sterilization by autoclave, steam or ethylene oxide gas

Self-seal pouches consist of light green, polyester-polypropylene transparent film coupled to medical grade paper which permit steam and gas penetration during sterilization.
Steam and gas indicators change colour when exposed to sterilization.

1. Reinforced corners to prevent dust from collecting near to the opening, reducing the risk of contamination during opening.
2. The laminated transparent film complies with the German standard EN 10/204. The medical paper conforms to the following standards: DIN 58953 (German), Pharmacopoeia 589 (French), pr EN 868-3 (European) and BS 6256 (English).
3. The chevrons allow rapid and correct opening.

4. These consist of one layer of laminated transparent film (special type polyester and copolymer polypropylene) and white damp-resistant medical Kraft paper, specially designed to assure a high anti-bacterial protection.

5. The heat-sealed lines (Multiline) are highly resistant and spaced equally; the external welding runs along the entire length of the pouch.

Reels and pouches are certified and are manufactured according to international standards DIN 58953 BS 6871, EN 868-5, CN 13485

OTHER SIZES AVAILABLE
minimum 10,000 pouches

FLAT POUCHES FOR AUTOCLAVE, STEAM AND ETO				
code		External mm	Internal mm	Minimum order
35880	Flat pouches	100x300	78x285	1,000
35881	Flat pouches	150x200	128x185	1,000
35882	Flat pouches	150x250	128x235	1,000
35883	Flat pouches	150x300	128x285	1,000
35884	Flat pouches	150x400	128x385	1,000
35885	Flat pouches	200x300	178x285	1,000
35886	Flat pouches	200x350	178x335	500
35887	Flat pouches	200x400	178x385	500
35888	Flat pouches	250x400	228x385	500
35889	Flat pouches	250x500	228x485	500
35890	Flat pouches	300x400	278x385	500
35891	Flat pouches	400x600	378x585	500
35895	Special size pouches			10,000

SELF-SEAL POUCHES FOR AUTOCLAVE, STEAM AND ETO				
code		External mm	Internal mm	Minimum order
35860	Self-seal pouches	90x165	68x150	1,800
35861	Self-seal pouches	90x230	68x215	1,800
35862	Self-seal pouches	140x250	118x235	1,200
35863	Self-seal pouches	190x330	168x315	1,200
35864	Self-seal pouches	190x400	168x385	1,200
35866	Self-seal pouches	300x450	278x435	400



BOWIE DICK TEST PACK

Package and manual in: GB, IT, ES, FR, PT, GR, DE.



Dimensions: 123x123x16 mm

• 35950 BOWIE DICK TEST PACK - box of 20 pcs

Used for daily monitoring of pre-vacuum steam sterilizer. Based upon the Bowie Dick test result the steam sterilizer is released for usage during the day. The Bowie Dick test detect failures like air leaks, insufficient vacuum, inadequate steam penetration.

- fulfill requirements of EN 285 and ISO 17665
- conform to ISO 11140 - 4 Type 2 / EN 867 - 4 class B (EU standard 7 kilo)
- independently tested to show performance similar to original pack
- clear blue - violet colour change
- easy to interpret and document
- non-Toxic / lead free

TYPE 5 MOVING FRONT

Conform to ISO 11140 - type 5



User manual: GB, IT, FR, ES,

Non-toxic / lead free

• 35952 TYPE 5 MOVING FRONT INTEGRATOR box of 1,000 pcs

Moving front integrators 134 °C - 3.5 min are giving you the best interpretation possible in case of any failure in your steam sterilization cycle. If temperature is not reached or holding time was too short the dark colour will not reach the accept area.

- shelf life: 5 years after production
- packed in white aluminium re.closable bags
- very easy interpretation of result
- complete indicator area sealed off by foil

TYPE 4 STEAM INDICATOR



• 35954 TYPE 4 MULTI-VARIABLE STEAM STRIPS - box of 250 dual strips

Type 4 multi-variable steam indicator strips are designed to be used in steam sterilizers operating at 134 °C - 3.5 min. The indicator strips will provide assurance of steam penetration into the packs. The water based, non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear colour change from blue to black after successful steam sterilization. Test indicator strips are cost effective and can be divided into two separate pieces for economical use.

TYPE 6 STEAM INDICATOR

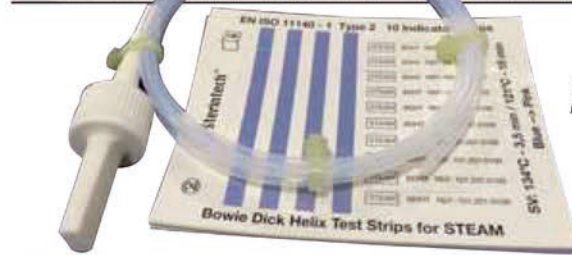


• 35955 TYPE 6 EMULATING STEAM STRIPS - box of 250 strips

Type 6 emulating steam indicator strips are designed to be used in steam sterilizers operating at 121 °C - 15 min and 134 °C - 3.5 min. The cycle verification indicators can be used in every pack and will provide assurance of steam penetration into the packs and presence of all critical parameters of steam sterilization cycle.

The water based, non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate colour change from blue to lilac after successful steam sterilization.

BOWIE DICK HELIX TEST



Includes: cotton bag, helix device (tube 1.5 m), 100 tests and user manual GB, FR, IT, ES.

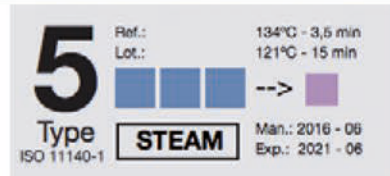
• 35951 BOWIE DICK HELIX TEST PACK - box of 100 pcs

Helix devices and their indicators have proven that they detect failures during each cycle much earlier than other chemical indicators / integrators. The EN 285: 2009 are specifying the Helix test (Hollow A) to be used as Bowie Dick Test as well as Batch Monitoring when hospitals are sterilizing hollow loads, Next to that this Bowie Dick Helix Test is an obligatory test for class B Bench Top Steam sterilizers.

- conform to ISO 11140 - 1 Type 2 - EN 867 part 5 class B
- clear transition of color into pink
- easy to interpret and document
- non-Toxic / Lead Free
- PCD guaranteed for 500 Cycles (134°C - 3,5 min)

TYPE 5 STEAM INDICATOR

Conform to ISO 11140 - type 5



Package and manual in: GB, IT, FR, ES, PT, GR, DE

Non-toxic / lead free

• 35953 TYPE 5 STEAM INTEGRATOR - box of 500 pcs

Integrators can be used in addition to the batch control Helix which allow to release load. It allow to re-affirm sterilization condition inside trays or containers.

- SV: 134 °C - 3.5 min / 121 °C - 15 min
- shelf life: 5 years after production
- packed in an easy dispensing carton
- clear colour transition from blue into pink of lacquer covered indicator

TYPE 5 EO INDICATOR

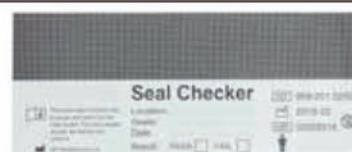


• 35956 ETHYLENE OXIDE STRIPS - box of 250 dual strips

Type 5 Ethylene Oxide (EO) indicator strips are designed to be used at E.O. sterilizers in compliance with ISO 11135. The indicator strips can be used in every pack and will provide assurance of E.O. gas penetration into the packs. The water based, non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear colour change from white to yellow after successful sterilization. Test indicator strips are cost effective and can be divided into two separate pieces for economical use.

SEAL CHECKER

Dimension: 175x75



Suitable for all rotary heat sealers

• 35957 SEAL CHECKER - box of 250 pcs

The ISO-11607 standard is specifying a routine, daily check of your heat sealers.

The seal checker is a way to perform the test required and to document which sealer, which day, which person did perform the test and to easily show results of your heat sealer capacity of properly heat seal your pouch.

When place inside a pouch and seal, the sealed area will be darker and can be easily read whether the seal is consistent, regular and completely without any gaps.



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