



Medical sealers

gandus[®]
SALDATRICI
Medical Sealers Division
We care



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SALDATRICI

Medical Sealers Division

We care

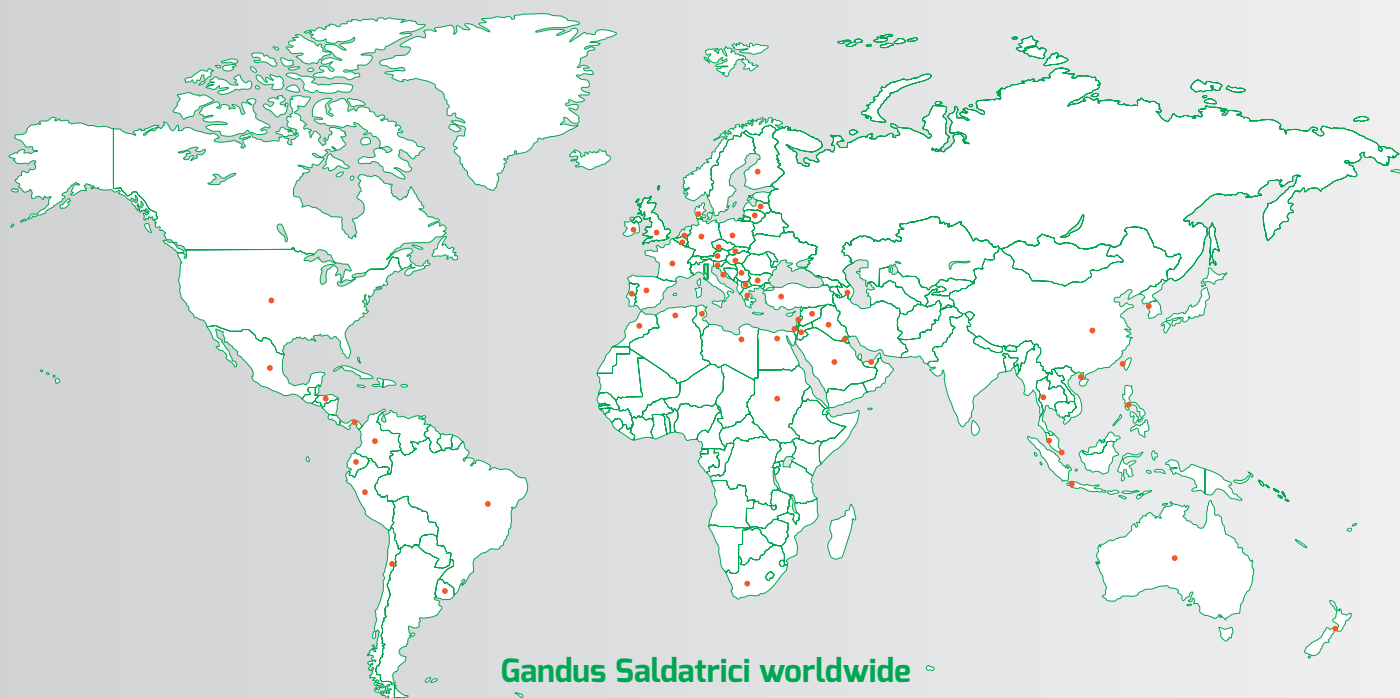
The utmost evolution in sterilization

The key point is to clearly define the process critical parameters. In order to guarantee a seal which is conform to EN 868-5 standards, the sealer must be able to monitor and record the temperature, the force applied and the time cycle of the seal process. Such an equipment can be part of a sterile packaging process which is validatable according to EN ISO 11607-2:2006 standards. The wide Gandus Saldatrici range, from the brand new Pura to the extraordinary for its unicity VSeal.it, from the rotary sealers minirò serie, to the impulse sealers Medical H and SI series, all guarantee a seal which fully complies with the EN ISO 11607-2:2006 standard.

Our vast experience, and ongoing commitment to ensure that our wide range of equipment meets the latest requirements, allows us to offer not only a range of products which can assure the highest level of safety and service, but also a range of services totally dedicated to the Validation Process.

Safety is our DNA.

Our identity, a tradition based on quality design and tailor made manufacturing, all Italian



Few people know that Gandus history goes back to 1885, when a distinguished gentleman named Prospero Gandus founded his company in Milan. The production began with paper bags to contain the needles for the sewing machines. Craftsmanship and precision, all Italian. Since its foundation Gandus has been a manufacturing company. And since its foundation Gandus has been managed by Prospero Gandus first and his descendance then.

In 1954, Gandus began to enter the world of packaging machinery production, adding the word "Saldatrici" (in English Sealers) to the brand and affirming itself immediately on the market thanks to professionalism, reliability, high quality constantly in time.

Gandus Saldatrici has today 3 specialized divisions: for Bags and tubes sealers production, for Sterilization pouches sealers production, for Automatic packaging systems production

All our machines are designed in-house, making use of the latest 3D design software, all the control electronics of our machines and software operation are designed and developed directly from Gandus, the know-how of the operation of our machines is resident in Gandus. Our mission is to design and manufacture top quality machines, to achieve this even the smallest mechanical component must be made with the utmost precision. Our technicians assemble the sealers that you use every day, working with the care of a master watchmaker, assembling hundreds of parts and components to get wonderful concentrates of high technology.

Our identity is being a team, take our responsibilities, have respect for everyone, communicate aiming to getting better and better, work professionally.

Our success is based on entrepreneurship, entrepreneurial skills, commitment, continuity and professional fairness.

This is our world, this is our way of conceiving design and production of the equipments we install all over the world.

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Safety is our DNA



Packaging Process Validation

The whole sterilization process is today fully regulated, to get to the highest levels in quality and safety. Packaging is a key element in the Sterilization process. Sealing has to ensure a reliable barrier against microorganism. A non conforming seal invalidates the whole Sterilization process.

Only sealing by use of Validatable ISO 11607-2 sealing devices, guarantees a perfect seal tightness. Only machines able to control and monitor critical parameters can be part of a Validatable sterile packaging process according to standard EN ISO 11607-2.

Gandus Saldatrici range of products guarantees the strict observance of a qualitative standard to assure a consistant sealing integrity and the repeatability of the process, Validatable EN ISO 11607-2.

Safety

Our mission is taking care of the whole packaging process to guarantee the highest levels of quality able to comply to the rules requirements in terms of safety in sterilization.

From the kind of seal to the parameters controls, from the routine daily tests to verify the system of closure according to EN ISO 11607,1.2 and ASTM F1929, to the accessories related to Traceability and to the services dedicated to Validation Process.

Sealers have to assure the final result is steady and error free.

Communication Interfaces

Gandus sealers are equipped with dedicated interface hardwares to allow links with external communication systems to create Validation Process editing.

Traceability

Traceability is the ability to identify, monitor and recall the history of all medical devices that come into contact with the patient or that fall into the diagnostic and therapeutic process involved. The traceability system has the primary purpose of protecting the patient's safety and can be manual, semi-computerized or fully computerized.

SecureScan Data Upload Software

Data upload software to allow you to create, print and download bar codes with all the sealing parameters of each ID pouch on an external PC. Simple and extremely safe data upload software able to read the customized packaging data and automatically set the suitable machine function and parameters.

Securscan Data Upload Software allows you fully operate it with an extremely safe and simple data upload software, able to read the customized packaging data and automatically set the suitable machine function and parameters. The system is extremely easy to install and can work on any PC. It allows a very quick and 100% safe and correct setting of your sealing device.



Packaging

In relation to the sterilization methods and to the kind of medical device, it is necessary to choose the most suitable packaging to guarantee a perfect sterility of the content.

Gandus Saldatrici offers products able to seal all kind of material, while assuring the highest levels of quality to preserve sterility.

HI Human Interface

The Packaging process is a continuous interaction between man and sealer. It is fundamental that this interaction takes place within the highest level of efficacy, and functionality, in order to ensure the utmost level of safety. Our machines are designed and manufactured offering different kind of interfaces able to meet every different requirement.

Room Saving

Our ongoing target is to design sealers that combine minimum sizes with all highest performances, integrating all functions to allow the optimum use even in reduced spaces.

Cleaning and Disinfection

All the materials used, stainless steel, anodized aluminium, together with a smooth design, allow a quick, easy and effective cleaning and disinfection.

Print Facility

Almost all Gandus medical sealers allow you to print directly on the pouch all important information related to sterile tools packaging process, such as production and expiry date, batch, operator, sealing temperature etc.

All these data can be customizely printed, thanks to an advanced technology that enable the system to recognize pouches dimensions and automatically adjust character type and dimensions according to the available print area.

Energy Saving

Our machines are designed and manufactured aiming to the optimization of processes, whilst respecting the need of energy saving.

Vacuum Packaging

Hygienic, space saving and better shelf life requirements are perfectly satisfied by Gandus sealers vacuum systems. Thanks to vacuum packaging, the package size is reduced by 90% of its volume. Highly suitable to be used for storage of cloths, uniforms, bed linen, that need minimum space.

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SALDATRICI

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Rotary Sealers

Pura

Product design and engineering developed with the scientific support of Politecnico di Milano, Design Department.

Packaging Process Validation

Accurate temperature control thanks to new generation control hardware and software. Fully complying with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

The reliable and well known Gandus 15 mm wide multiline seal guarantees a perfect seal strength with an easy and safe peelability.

Communication Interfaces

USB and RS 232 interfaces allows communication with several external devices.

Traceability

Pura allows fully traceability of all sealing parameters on a standard USB stick.

SecureScan Data Upload Software

Operating with a scanner, SecureScan Data Upload Software allows to upload all data on the sealer.

Packaging

Pura is suitable for the sealing of all known, sealable, pre-made sterile barrier systems, uncoated Tyvek®, as well as the newest generation of packaging material.

HI - Human Interface

4.3" Wide Color touch screen and easy to use software are the perfect Human Interface.

Room Saving

Just 0,15 square meter are required to place a Pura on a packaging table.

Cleaning and Disinfection

Stainless steel, anodized aluminium, together with an unbelievable ergonomic design, allows an easy and effective cleaning and disinfection.

Print Facility

Last generation 9 dot matrix printer enables to print on packaging of all the required data.

Automatic adjustment of font size to match pouch width.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.





Pouch maker

Vseal.it

Packaging Process Validation

Accurate temperature control thanks to new generation control hardware and software. Fully complying with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

The Vseal.it is the unique pouch maker that allows manufacture sterilisable medical pouches with Chevron Seal from standard reels. Chevron seal means **peelability, safety, correct pouch opening and aseptic presentation.**

Communication Interfaces

USB and RS 232 interfaces allows communication with several external devices.

Traceability

Vseal.it allows full traceability of all sealing parameters on a standard USB stick.

SecureScan Data Upload Software

Operating with a scanner, SecureScan Data Upload Software allows to upload all data on the sealer.

Packaging

Vseal.it is suitable for manufacturing BOPP or Tyvek® pouches, as well as the newest generation of packaging material.

HI - Human Interface

4,3" Wide Color touch screen and easy to use software are the perfect Human Interface.

Room Saving

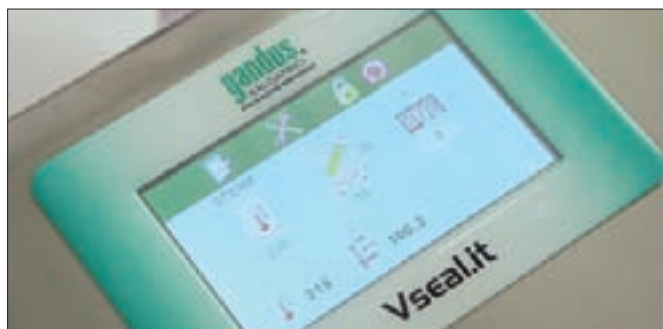
Using just one Vseal.it it is possible to save hundreds square meters of warehousing space to stock your sterilization packaging pouches.

Cleaning and Disinfection

Stainless steel top cover allows an easy and effective cleaning and disinfection.

Energy saving

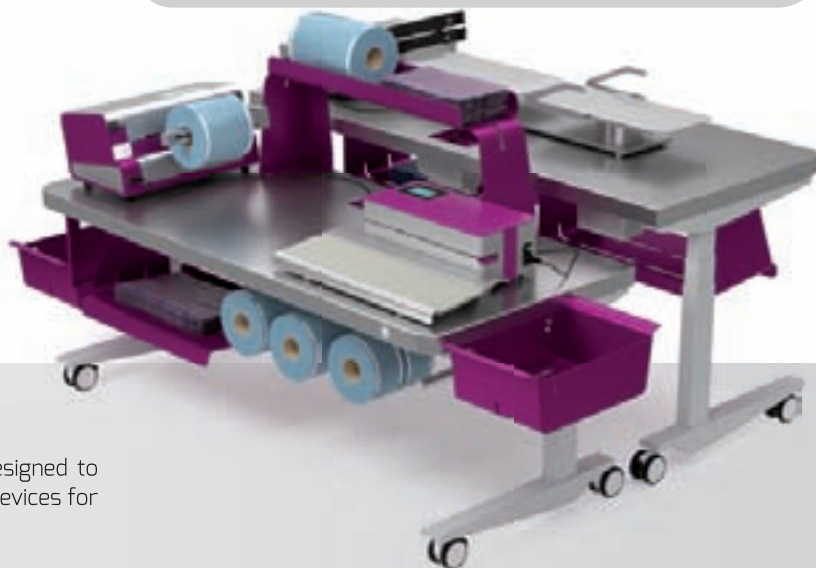
All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.





Packaging Station

ONE4ALL



Packaging Process Validation

ONE4ALL is a complete Pouch Packaging Station designed to gather together in one unique element all necessary devices for an easy and perfect Validated Packaging Process.

Safety

Its smooth design and its utmost ergonomics offer the utmost safety for operators.

Communication Interfaces

ONE4ALL offers both electrical and Ethernet connections.

Traceability

The Ethernet interface allows communication with dedicated softwares for a total traceability of all required data.

Packaging

Designed for a perfect use and storage of all required packagings: pouches, big pouches, reels. Ideal for BOPP, Tyvek®, SMS, plastics, header bags.

HI - Human Interface

Buttons to electrically adjust the height according to operator's height. A unique electric panel allows an easy connection of all equipments.

Room Saving

It deals with a compact block 2mts width x 2 mts length designed for a perfect use of all 4 devices, offering wide workspace. No area limits, it can be placed anywhere as it moves on wheels, specific for hospital use.

Ergonomics

Designed thinking about the need of an easy lodging of all required materials and packed products.

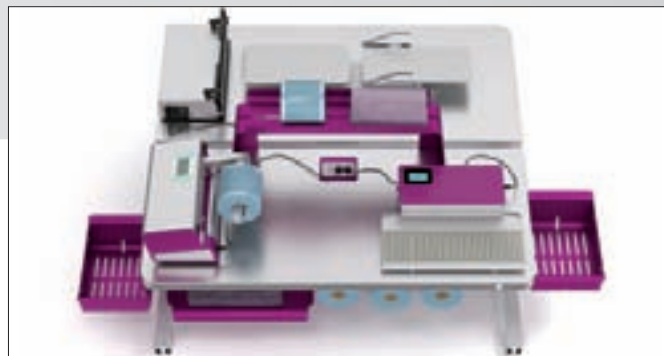
Electrically adjustable in height according to operator's height. No electric connection limits as all equipments are connected to a unique electric panel.

Cleaning and Disinfection

The use of alluminium and stainless steel allows an easy and effective cleaning and disinfection.

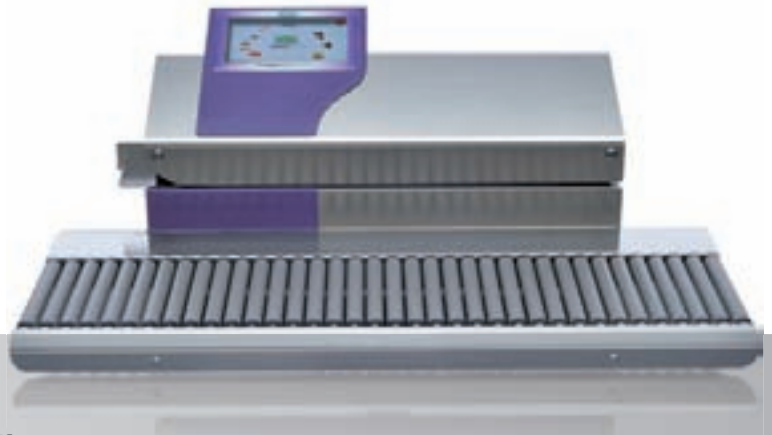
Energy saving

All Gandus products are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.



Rotary Sealers

minirò H-lan minirò H-lan touch



Packaging Process Validation

Microprocessor temperature controller to ensure an accurate temperature control. Fully complying with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

The reliable and well know Gandus 15 mm wide multiline seal guarantee a perfect seal strength with an easily and safety peelability.

Communication Interfaces

Ethernet, USB and RS 232 multiple interfaces allow communication with several external devices and remote control of the sealer.

Traceability

minirò H-lan allows fully traceability of all sealing parameters on board or an external computer server.

Packaging

The minirò H-lan is suitable for the sealing of all known, sealable, pre-made sterile barrier systems, uncoated Tyvek®, as well as the newest generation of packaging material.

HI - Human Interface

7" Wide Color touch screen and easy to use software are the widest Human Interface available on the market of medical rotary sealers.

Room Saving

With only 62 cm width, the minirò H-lan is equipped with a built-in double line printer.

Cleaning and Disinfection

Stainless steel, together with a unique design, allow an easy and effective cleaning and disinfection.

Print Facility

18 dots matrix printer to print 1 line, 2 lines or barcode on packaging.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.



Medical H 460/610

Medical H 460/610

DIGITAL ACCUTEMP

Packaging Process Validation

Highest world technology used for temperature controller of impulse sealers ensures the most accurate temperature control. Fully complying with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

8 mm wide flat seal guarantees a perfect seal strength with an easy, safe and effective peelability.

Communication Interfaces

RS 232 interface allows communication with a dedicated software for traceability.

Traceability

A dedicate traceability software is available for Gandus Medical Digital Accutemp.

Packaging

The Medical Digital Accutemp is suitable for the sealing of all known, sealable, pre-made sterile barrier systems, uncoated Tyvek®, as well as the newest generation of packaging material.

HI - Human Interface

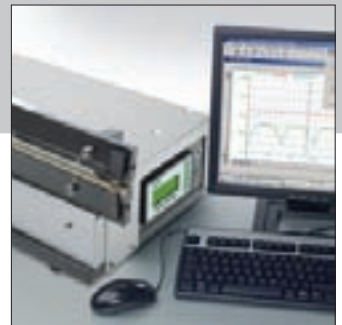
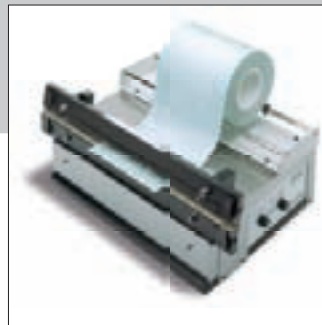
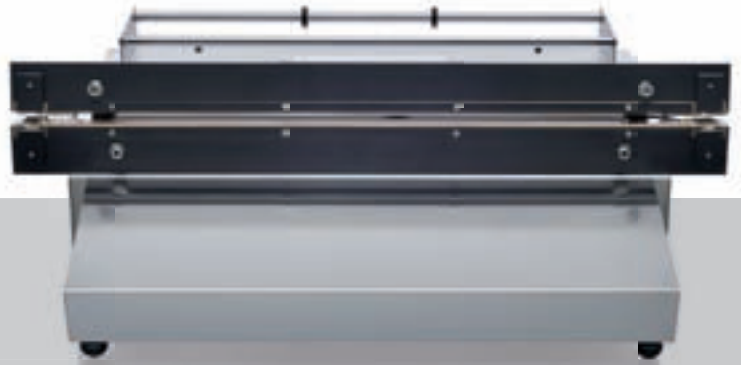
Digital display 20 characters, 4 lines and easy to use software allows a user friendly approach to our sealer.

Cleaning and Disinfection

Stainless steel top cover allows an easy and effective cleaning and disinfection.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.





Vacuum Impulse Sealers

SI Med SI Vacuummed 520/720/1020

Packaging Process Validation

Highest world technology from temperature controller of impulse sealers ensures the most accurate temperature control. Fully complying with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

8 mm wide flat seal guarantee a perfect seal strength with an easily and safety peelability.

Communication Interfaces

A DIAG interface allows communication with a dedicated software for traceability.

Traceability

A dedicate traceability software is available for our GANDUS SI serie.

Vacuum Packaging

SI Vacuum sealer employs a powerful vacuum nozzle with a double sealing bars to ensure that products are packed in airless or modified atmosphere environment. SI Vacuum sealer is able to guarantee up to 70% vacuum level.

HI - Human Interface

Digital display 20 characters, 4 lines and easy to use software allows a user friendly approach to our sealer.

Cleaning and Disinfection

Fully stainless steel allows an easy and effective cleaning and disinfection.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.



minirò H-seal *Evo* minirò H-seal VP *Evo*

Packaging Process Validation

The model minirò H-seal VP *Evo*, fully complies with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

The reliable and well known Gandus 15 mm wide multiline seal guarantees a perfect seal strength with an easy and safe peelability.

Communication Interfaces

A USB interface allows connection to USB pendrive standard.

Traceability

The minirò H-seal VP *Evo* allows fully traceability of all sealing parameters on a standard USB stick.

Packaging

All minirò H-seal *Evo* models are suitable for the sealing of all known, sealable, pre-made sterile barrier systems, uncoated Tyvek®, as well as the newest generation of packaging material.

HI - Human Interface

User friendly 16 characters on 2 lines digital display and a wide and clear keyboard.

Cleaning and Disinfection

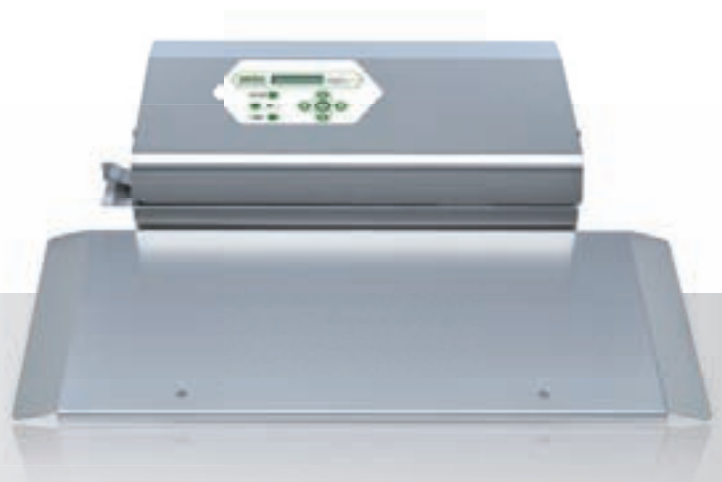
Stainless steel top cover allows an easy and effective cleaning and disinfection.

Print Facility

On the model minirò H-seal VP *Evo* all the requested data could be printed with a label printer linked to the sealer.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.





Rotary Sealers

minirò H-net *Evo* 2.0 minirò H-data *Evo*

Packaging Process Validation

The model minirò H-net *Evo* 2.0, Fully complies with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

The reliable and well known Gandus 15 mm wide multiline seal guarantees a perfect seal strength with easy and safe peelability.

Communication Interfaces

On the model minirò H-net *Evo* 2.0 USB and RS 232 multiple interfaces allow communication with several external devices.

Traceability

The model minirò H-net *Evo* 2.0 allows fully traceability of all sealing parameters on a standard USB stick.

SecureScan Data Upload Software

Operating with a scanner, SecureScan Data Upload Software allows to upload all data on the sealer.

Packaging

These machines are suitable for the sealing of all known, sealable, pre-made sterile barrier systems, uncoated Tyvek®, as well as the newest generation of packaging material.

HI - Human Interface

The model minirò H-net *Evo* 2.0 is equipped with an user friendly 20 characters on 4 lines digital display and a wide and clear keyboard. The model minirò H-data *Evo* is equipped with the well known 16 characters on 2 lines digital display and a wide and clear keyboard.

Cleaning and Disinfection

Stainless steel top cover allows an easy and effective cleaning and disinfection.

Print Facility

Last generation 9 dot matrix printer allows to print on packaging all the requested data.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.





Rotary Sealer

minirò H-poly VP *Evo*



Packaging Process Validation

The model minirò H-poly VP *Evo*, fully complies with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

A 9 mm wide knurled seal guarantees a perfect seal strength with easy and safe peelability.

Communication Interfaces

A USB interface allows connection to USB pendrive standard.

Traceability

The model minirò H-poly VP *Evo* allows fully traceability of all sealing parameters on a standard USB stick.

Packaging

The model minirò H-poly VP *Evo* is suitable for the sealing LDPE pouches, header bags and other all known, sealable, pre-made sterile barrier systems, uncoated Tyvek®.

HI - Human Interface

The model minirò H-poly VP *Evo* is equipped with the well-known 16 characters on 2 lines digital display and a wide and clear keyboard.

Cleaning and Disinfection

Stainless steel top cover allows an easy and effective cleaning and disinfection.

Print Facility

All the requested data can be printed with a label printer linked to the sealer.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.



Rotary sealers

rebi *Evo* - rebi *Prt Evo* rebi *VP Evo*

Packaging Process Validation

Gandus model rebi *VP Evo*, fully complies with ISO 11607-2 standard and international guidelines EN-ISO TS 16775.

Safety

The reliable and well known Gandus 12 mm wide multiline seal guarantees a perfect seal strength with an easy and safe peelability.

Communication Interfaces

On Gandus rebi *VP Evo*, a USB interface allows connection to USB pendrive standard.

Traceability

Gandus rebi *VP Evo* allows fully traceability of all sealing parameters on a standard USB stick.

Packaging

All Gandus rebi models are suitable for the sealing of all known, sealable, pre-made sterile barrier systems, uncoated Tyvek®, as well as the newest generation of packaging material.

HI - Human Interface

User friendly 8 characters on 2 lines digital display and a wide and clear keyboard.

Cleaning and Disinfection

Stainless steel top cover allows an easy and effective cleaning and disinfection.

Print Facility

On the model rebi *Prt Evo* a 9 dot matrix printer allows to print on packaging all the requested data.

Upon request rebi *VP Evo* model can be equipped with integrated printer facility.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.



DN 350 GD 301 *Evo*

Safety

12 mm wide flat seal on GD 301 *Evo* and 8 mm wide flat seal on DN 350, guarantees a perfect seal strength with easy and safe peelability.

Packaging

Our dental sealers are suitable for the sealing pre-made sterile barrier systems for steam sterilizers.

Cleaning and Disinfection

The frame of the GD 301 *Evo* is a plastic molding to allow an easy and effective cleaning and disinfection.

Energy saving

All our medical sealers are designed and manufactured to enable process optimization, fully respecting energy saving efficiencies.



Gandus Routine Tests

Gandus offers routine tests to enable you an easy, quick and safe daily control of your sealing device in order to comply **EN ISO 11607.1.2** and **ASTM F1929**.

Blue Test.it

New generation indicator test for routing testing of your sealing devices. According to EN ISO 11607.1.2 and ASTM F1929:

Specially developed to check the integrity of seals produced with your sealers. Suitable for Paper and Tyvek® backed laminated pouches. It allows a safe, easy and quick ink test.

Safe - no damage of the seal because it does not use any pipette or other objects to fill the pouch, and eliminates any risk of leakage or migration of the methylene blue dye.

Easy - easy to prepare and easy to check the result.

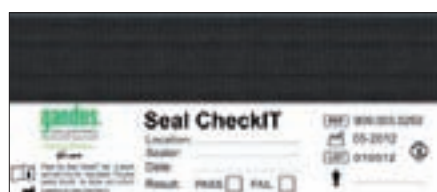
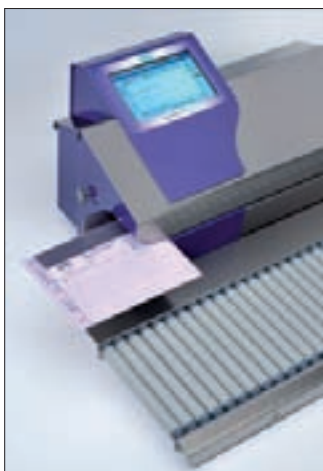
Quick - after no longer than 5 seconds per seal you can see if the seal made with your device is perfect, secure and safe.








Seal CheckIT

Test system for the daily testing of sealing device and for Operational Qualification according to EN ISO 11607-2:2006 process Validation.

Guidelines of the WFHSS are advising to test each medical heat sealer at the beginning of the day after the heat sealer has heated up. Based upon the initial test the heat sealer can be released for the day. The Gandus Saldatrici Seal CheckIT is one way to comply to the ISO 11607 - 2 requirements for Operational Qualification (OQ) and daily testing of your Medical Heat sealers.



ACCESSORIES

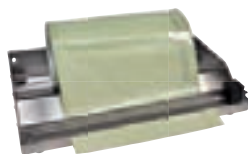
Accessories	Sealer model
	Front trayPura
	Front trayrebi serie
	Front trayMedical H 460/610, Medical H ATDP 460/610
	Front trayDN 350
	Indipendent motorized conveyor bandminirò H-poly VP Evo
	PS 654 Front trayminirò H-seal <i>Evo</i> , minirò H-seal VP <i>Evo</i> , minirò H-net, minirò H-data <i>Evo</i>
	PS 70 Front trayminirò H-lan, minirò H-lan Touch
	Slip rollPura
	RL 79 Slip rollminirò H-lan, minirò H-lan Touch
	RL 80 Slip rollminirò H-seal <i>Evo</i> , minirò H-seal VP <i>Evo</i> , minirò H-net, minirò H-data <i>Evo</i> , rebi serie



ACCESSORIES

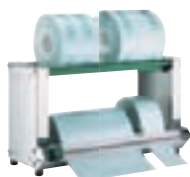
Accessories

Sealer model



PR H40 Roll holder 1 level,
complete with cutting device

All models



PR H50 Roll holder 2 levels,
complete with cutting device

All models



PRN 2000 Label printer

minirò H-seal VP *Evo*, minirò H-net,
minirò H-lan, minirò H-lan Touch,
minirò H-poly VP *Evo*, Pura



Securscan Data
Upload Software
with Barcode scanner

minirò H-net, Pura, Vseal.it



SIS
Stand adjustable in height,
to allows vertical sealing

SI Med - SI Vacuummed 520/720/1020



SIPO
Adjustable work table
(only with SIS)

SI Med - SI Vacuummed 520/720/1020



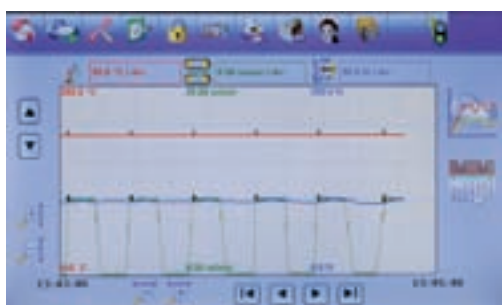
SIRS
Bag stretcher
(only on 1020 version)

SI Med - SI Vacuummed 1020

Gandus Services to Validation Process

To obtain and maintain safety levels as from rules requirements it is necessary that sealing process is steadily monitored, in order to prevent any deviation from set qualitative standards.

Our experience and ongoing commitment to ensure that all Gandus Saldatrici equipment meets the latest requirements, allows us to offer not only a range of products which can assure the highest level of safety as from ISO 11607-2, but also a service totally dedicated to the Validation Process on all Gandus validatable medical sealers.

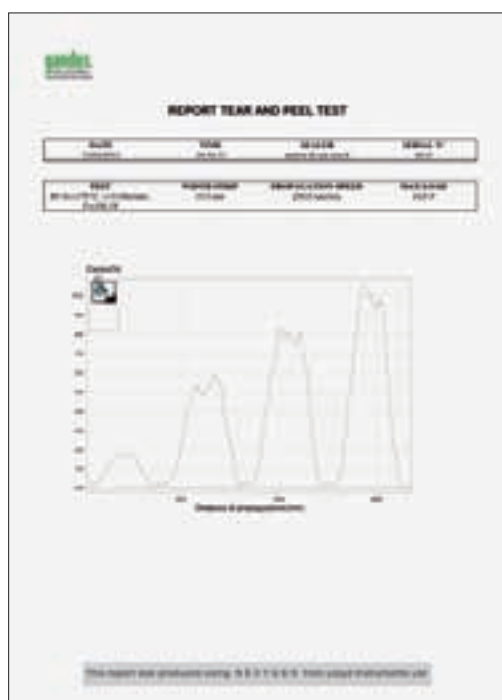


Calibration Service

Periodic Inspection on Medical Sealers and subsequent Calibration Certificate issue.

As part of our after sales service we are able to provide Periodic Inspection on Medical Sealers including the issue of a Machine Calibration Certificate, checking the machine sealing parameters status and ensuring compliance with ISO 11607.2, EN 868-5 requirements and to Validation process Qualification Performance (QP). All service and/or repair work is guaranteed and only carried out by our trained engineers, by means of calibrated machinery.

Gandus can also offer a reminder system on contracted work.



Peel Strength Test

Heat sealed joint sealing tests as required by UNI EN 868-5 and Qualification Performance (QP) procedures.

The UNI EN 868-5 Directive specifies the checks to be carried out on the envelope and defines the test methods to be used on the joint heat-sealed envelopes and medical rolls. By using calibrated instrumentation, Gandus Saldatrici offers Peel Strength Test service on sealing, both on sterilized envelopes and on non-sterilized envelopes, in accordance with the requirements of UNI EN 868 -5 and the Validation Process Performance Qualification (QP).

Validation Consultancy Service (IQ, OQ)

Installation and Operation Qualifications are parti integranti of the Validation Process and set qualitative benchmarks that cannot be bypassed. IQ - Process of obtaining and documenting evidence that equipment has been provided and installed in accordance with its specification. Gandus Saldatrici support customers in assuring the perfect working conditions are satisfied with the ultimate aim of the utmost safety.

OQ - Process of obtaining and documenting evidence that installed equipment operates within predetermined limits when used in accordance with its operational procedures. Gandus Saldatrici support customers in assuring the Validation required pouch tightness is reached within the whole range of sealing parameters data tolerance.

If outputs are positive, IQ and OQ Certificates are issued, together with Tightness Reports (OQ).

MODELS

Vseal.it

Pura
mini^rò H-lan touch

mini^rò H-lan
mini^rò H-net *Evo*
mini^rò H-seal VP *Evo*
mini^rò-poly VP
rebi VP *Evo*

mini^rò H-data *Evo*
mini^rò H-seal *Evo*
rebi Prt *Evo*
rebi *Evo*

Medical H- 460/610
Medical H 460/610
Digital Accutemp
SI Med / SI Vacuummed
520/720/1020

DN 350
GD 301 *Evo*

GENERAL FEATURES

Aluminium		Pura				
Stainless Steel frame	•	•	•	•	•	
Painted Steel frame	•	lan touch	•	•	Medical H	DN 350
Injection plastic moulding						GD 301 <i>Evo</i>
Built-in adjustable guide		•	•	•		
Adjustable free edge		•	•	•	•	•
Built-in cutting device	•				•	•

SEALING

Rotary sealing		•	•	•		
Impulse sealing					•	DN 350
Constant heat	•					GD 301 <i>Evo</i>
Kind of sealing	Chevron multiline	Multiline (flat option)	Multiline (flat option) poly VP knurled (flat option)	Multiline (flat option)	Flat	Flat
Sealing width (mm)	11,5	15	lan, net, seal VP = 15 rebi VP = 12 - poly VP = 9	data, seal = 15 rebi Prt, rebi = 12	8	DN 350 = 8 GD 301 <i>Evo</i> = 12
Sealing length (mm)	300	Unlimited	Unlimited	Unlimited	Medical H = 460/610 Medical H D.A. = 460/610 SI Med/Vmed = 520/720/1020	DN 350 = 350 GD 301 <i>Evo</i> = 300
Distance sealing-medical product (mm)		≥30 Din rules	≥30 Din rules	≥30 Din rules	≥30 Din rules	≥30 Din rules

HEAT SEALABLE MATERIALS

Pouches/reels EN 868-5	•	•	•	•	•	•
Tyvek® pouches/reels	•	•	•	•	Medical H D.A., SI Med/Vmed	
Paper pouches EN 868-4		•	•	•	•	•
Gusseted pouches/reels	•	•	•	•	•	•
Laminated AL pouches		•	•	•	•	
PP pouches		•	•	•	•	DN 350
Header bags			poly VP		•	DN 350
Polyethylene			poly VP		•	DN 350
Ultra® pouches/reels	•	•	•	•	Medical H D.A., SI Med/Vmed	

ISO 11607-2

Sealing validation through automatic critical sealing parameters control	•	•	•		Medical H D.A., SI Med/Vmed	
Temperature control	•	•	•	•	Medical H D.A., SI Med/Vmed	
Force control	•	•	•		Medical H D.A., SI Med/Vmed	
Speed control	•	•	•			
Time control					•	•
Sealing parameters recording	•	•	•		Medical H D.A., SI Med/Vmed	
Sealing parameters visualization	•	•	•		Medical H D.A., SI Med/Vmed	
Overheating temperature probe	•	•	•	seal, rebi		
Sealer functioning diagnostic and check	•	•	•	•	Medical H D.A., SI Med/Vmed	
Alarm and stop temperature tolerance +/-5 °C (DIN 58953-7)	•	•	•	•	Medical H D.A., SI Med/Vmed	
Alarm and stop adjustable tolerance	•	•	•	seal, rebi	Medical H D.A., SI Med/Vmed	
Force alarm and stop	•	•	•		Medical H D.A., SI Med/Vmed	
Speed/Time alarm and stop	•	•	•		Medical H D.A., SI Med/Vmed	

CERTIFICATIONS/SAFETY

UNI EN ISO 11607-2:2006	•	•	•		Medical H D.A., SI Med/Vmed	
UNI EN 868-5:2009	•	•	•	•	Medical H D.A., SI Med/Vmed	•
EN ISO TS 16775	•	•	•			
DIN 58953-7	•	•	•	•	•	•
Directive 2006/42/EC	•	•	•	•	•	DN 350
Directive 2014/30/EU	•	•	•	•	•	•
Directive 2014/35/EU	•	•	•	•	•	•
UNI/TR 11408:2011	•	•	•		Medical H D.A., SI Med/Vmed	
Manufactured in a UNI EN ISO 9001:2015 quality system certified company	•	•	•	•	•	•

MODELS

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Pura
mini^rò H-lan touch

mini^rò H-lan
mini^rò H-net *Evo*
mini^rò H-seal VP *Evo*
mini^rò-poly VP
rebi VP *Evo*

mini^rò H-data *Evo*
mini^rò H-seal *Evo*
rebi *Prt* *Evo*
rebi *Evo*

Medical H- 460/610
Medical H 460/610
Digital Accutemp
SI Med / SI Vacuummed
520/720/1020

DN 350
GD 301 *Evo*

PARAMETERS

Sealing speed (mt/min)	0,4 - 7	Pura 10 lan touch 3 -13	lan, net, seal VP = 10 poly VP, rebi VP = 6	data, seal = 10 rebi = 6		
Sealing time (sec.)					•	DN 350
Max sealing temperature (°C)	230	200	200 poly VP = 220	200	Medical H D.A.=250 SI Med/Vmed=200	
Reference Sealing force (N)	75	100	lan, net, seal VP = 100 poly VP, rebi VP = 85	Self-adjustable	Medical H / H D.A. about 850 N SI Med/Vmed about 750 N	GD 301 <i>Evo</i> Self-adjustable
Temperature tolerance	± 1%	± 1%	± 1%	± 1%	Medical H D.A., SI Med/Vmed ± 1%	
Force Range (N)	55-100	80-120	lan, net, seal VP = 80 - 120 poly VP, rebi VP = 70 - 102		Medical H D.A.,= 820-920 SI Med/Vmed = 700-1050 (depending on the model)	
Overheating control	•	•	•	•		

CALIBRATION

Heating autocalibration function	•	•	•	seal / rebi	Medical H D.A., SI Med/Vmed	
Automatic self check of thermocouple battery and remote server condition at start-up	•	•	•	•	Medical H D.A., SI Med/Vmed	
Temperature calibration	•	•	•	•	Medical H D.A., SI Med/Vmed	
Force calibration	•	•	•		Medical H D.A., SI Med/Vmed	
Speed calibration	•	•	•			
Time calibration					Medical H D.A., SI Med/Vmed	

FUNCTIONS

Microprocessor	•	•	•	•	•	
Multilanguage menu	•	•	•	•	Medical H D.A., SI Med/Vmed	
Starting photocell		•	• (no poly VP)	•		
Printing photocell		•	lan, net	data		
Speed adjustment	•	lan touch				
Temperature setting	•	•	•	•	Medical H D.A., SI Med/Vmed	
Speed setting	•	•				
Time setting					•	DN 350
Operators setting	•	•	•	data		
Batches setting	•	•	•	data		
Catalogues setting	•	•	lan, net, seal VP, poly VP			
Packaging programs setting	•	•				
Expiry dates setting		•	lan, net, seal VP, poly VP	data		
Stand by		•	•	•		
Energy saving	•	•	•	•	•	•
Safety thermostat	•	•	•	•		
On board battery ensures data retention even when the machine is switched off	•	•	•	•	Medical H D.A., SI Med/Vmed	
Peripheries condition and diagnostic check up at start-up	•	•	•	•	Medical H D.A., SI Med/Vmed	
Settings password	•	•	lan, net			
Maintenance password	•	•	lan, net			
Display shutdown	•	•	•	seal, rebi	Medical H D.A., SI Med/Vmed	
Absolute counter	•	•	•	seal, rebi		
Settable counter	•	•	lan, net, seal VP, poly VP	seal	Medical H D.A., SI Med/Vmed	
Maintenance counter	•	•	lan, net, seal VP, poly VP			
Clock function	•	•	•	data, rebi <i>Prt</i>	Medical H D.A., SI Med/Vmed	
Calendar function	•	•	•	data, rebi <i>Prt</i>	Medical H D.A., SI Med/Vmed	
Beeper on/off	•	•	•	seal, rebi		
Programmed maintenance		•	lan, net, seal VP, poly VP			

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Pura
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minirò-poly VP
rebi VP *Evo*

minirò H-data *Evo*
minirò H-seal *Evo*
rebi Prt *Evo*
rebi *Evo*

Medical H- 460/610
Medical H 460/610
Digital Accutemp
SI Med / SI Vacuummed
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DN 350
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VACUUM FUNCTION

Venturi vacuum pump					SI Vmed	
Air suction capacity m3/h 11,3					SI Vmed	
Gas injection					SI Vmed	
Vacuum time function					SI Vmed	
Gas time function					SI Vmed	
9 settable programs					SI Vmed	

INTERFACES

Display	4,3" colors	4,3" colors Pura 7" colors lan touch	lan, net - 4 lines 20 cht seal VP, poly VP -2 lines 16 cht rebi VP -2 lines 8 cht	data, seal - 2 lines 16 cht rebi Prt, rebi VP - 2 lines 8 cht	Medical H D.A., SI Med/Vmed 4 lines 20 cht	
Touch screen	•	•				
Membrane keyboard			•	•	Medical H D.A., SI Med/Vmed	
Windows® CE operating system		lan touch				
PC connection	•	•	lan, net		Medical H D.A., SI Med/Vmed	
Remote control via VNC/Ethernet		lan touch				
Remote control					Medical H D.A., SI Med/Vmed	
Labels printer		•	lan, net, seal VP, poly VP			
Barcode scanner	•	Pura	net			
Lan net		•	lan			
RS 232 port	•	•	lan, net, seal VP, poly VP		Medical H D.A.	
USB port	•	•	net, seal VP, poly VP, rebi VP			
DIAG port					SI Med/Vmed	
Ethernet port		•	lan			
Configuration data for Ethernet connection		•	lan			
Back up recordings on PC		•			Medical H D.A., SI Med/Vmed	

BUILT-IN PRINTER FUNCTIONS

Built-in printer		•	lan, net, rebi VP,	data, rebi Prt		
On/off print		•	lan, net	data, rebi Prt		
EN symbols		•	lan, net	data, rebi Prt		
CE symbols		•	lan, net			
Print lines		Pura=1 line - lan touch=2 lines	lan=2 lines - net=1 line	data=1 line - rebi Prt =1 line		
Barcode		lan touch	lan			
Adjustable print position		•	lan, net	data, rebi Prt		
Standard or 180° rotation print image		•	lan, net			
Print automatic adjustment to pouch width		•	lan			
Settable printing formats		•	lan, net			
Settable character dimensions		•	lan, net	data		
Settable printing sequence		•	lan, net			
Production and expiry date		•	lan, net	data, rebi Prt		
Batch and operator alphanumeric code		•	lan, net	data		
Catalogue strings		•	lan, net			
Pouch progressive number		•	lan, net			
Pouch and sealer ID		•	lan, net			
Sealing speed		•	lan, net			
Sealing temperature		•	lan, net			
Sealing force		•	lan, net			
Sealing report print		•	lan, net			

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minirò-poly VP
rebi VP *Evo*

minirò H-data *Evo*
minirò H-seal *Evo*
rebi Prt *Evo*
rebi *Evo*

Medical H- 460/610
Medical H 460/610
Digital Accutemp
SI Med / SI Vacuummed
520/720/1020

DN 350
GD 301 *Evo*

LABELS PRINTER FUNCTIONS

Labels printer		•	lan, net, seal VP, poly VP			
On/off print		•	lan, net, seal VP, poly VP			
CE symbols		•	lan, net, seal VP, poly VP			
Barcode		•	lan, net, seal VP, poly VP			
Label dimensions setting		•	lan, net, seal VP, poly VP			
Standard or 180° rotation print image		lan touch	lan, seal VP, poly VP			
Multi labels print		lan touch	seal VP, poly VP			
Settable printing sequence		•	lan, net, seal VP, poly VP			
Production and expiry date		•	lan, net, seal VP, poly VP			
Batch and operator alphanumeric code		•	lan, net, seal VP, poly VP			
Catalogue strings		•	lan, net, seal VP, poly VP			
Pouch progressive number		•	lan, net, seal VP, poly VP			
Pouch and sealer ID		•	lan, net, seal VP, poly VP			
Sealing speed		•	lan, net, seal VP, poly VP			
Sealing temperature		•	lan, net, seal VP, poly VP			
Sealing force		•	lan, net, seal VP, poly VP			
Sealing report print		•	lan, net, seal VP, poly VP			

EXTERNAL PERIPHERIES

Labels printer		•	lan, net, seal VP, poly VP			
Barcode Scanner	•	•	net			

TRACEABILITY AND SOFTWARE

Traceability through Ethernet		lan touch	lan			
Traceability through serial port			net		Medical H D.A.	
Traceability through local memory		lan touch				
Traceability through USB pen drive	•	Pura	net, rebi VP, seal VP, poly VP			
Traceability through DIAG interface					SI Med/Vmed	
SECURSCAN Data Upload Software	•	Pura	net			
VNC Remote Connection Software		lan touch				
ROPEX Visualization					Medical H D.A., SI Med/Vmed	
Remote Connection Software						

DATABASE

Texts saving		•	lan, net, seal VP, rebi VP, poly VP			
Sealer ID saving		•	lan, net, seal VP, rebi VP, poly VP			
Operators saving		•	lan, net, seal VP, rebi VP, poly VP	data		
Expiry date saving		•	lan, net, seal VP, poly VP	data, rebi Prt		
Batch code saving		•	lan, net, seal VP, rebi VP,	data		
Presetable programs	•	•				

POWER SUPPLY

Power supply (VAC) single phase	100; 110/115; 230/240	100; 110/115; 230/240	100; 110/115; 230/240	100; 110/115; 230/240	100; 110/115; 230/240	DN 350 = 110/115-230 GD 301 <i>Evo</i> = 230
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Multi-frequency	•	•	•	•	•	•
Max Power (W)	650	600 touch 650 pura	lan = 650 net = 600 seal VP = 600 poly VP, rebi VP = 500	data = 600 seal = 600 rebi Prt = 500 rebi = 500	Medical H = 1700/2100 Medical H D.A., = 2100/2500 SI Med/Vmed = 2500/3000	DN 350 = 900 GD 301 <i>Evo</i> = 300

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Pura
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minirò H-lan
minirò H-net *Evo*
minirò H-seal VP *Evo*
minirò-poly VP
rebi VP *Evo*

minirò H-data *Evo*
minirò H-seal *Evo*
rebi Prt *Evo*
rebi *Evo*

Medical H- 460/610
Medical H 460/610
Digital Accutemp
SI Med / SI Vacuummed
520/720/1020

DN 350
GD 301 *Evo*

ACCESSORIES

Front Support Tray	•	•	•	•	•	DN 350
Roller Support Tray		•	•	•		
Roll holder	•	•	•	•	•	•
Motorized transport belt			poly VP			
Thermal transfer labels printer		•	lan, net, seal VP, poly VP			
Barcode Scanner	•	•	net			
Ethernet module		Pura	lan			
Securscan Data Upload Software	•	Pura	net			

SERVICES

Seal strength test EN 868-5	•	•	•	•	•	•
Machine calibration	•	•	•	•	Medical H D.A., SI Med/Vmed	
Maintenance	•	•	•	•	•	•

DIMENSIONS / WEIGHTS

Dimensions (LxDxH mm)	590x520x300	Pura 553x264x192 lan touch 621x300x330	lan 621x300x330 net 554x270x222 seal VP 554x270x222 rebi VP 473x235x181 poly VP 554x270x237	data 554x270x222 seal 554x270x222 rebi Prt 473x235x181 rebi 473x235x181	Medical H 460 / Medical H D.A 460 560x360x220 Medical H 610 / Medical H D.A 610 710x360x220 SI Med/Vmed 590x487x241 - 790x487x241 - 1110x487x232	DN 439x311x175 GD 301 <i>Evo</i> 452x412x307
Weight	34 Kg	Pura 18 Kg lan touch 26 Kg	lan 26 Kg net 18,5 Kg seal VP 15 Kg poly VP 18 Kg rebi VP 12,5 Kg	data 18 Kg seal 15 Kg rebi Prt 13,6 Kg rebi 12,5 Kg	Medical H 30/37 Kg Medical H D.A. 30/37 Kg SI Med/Vmed 34/36/46 Kg	DN 18 Kg GD 301 <i>Evo</i> 3 Kg



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Medical Sealers Division

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Its steady development is proven by its successful presence in the most technologically advanced packaging markets: medical, vacuum, modified atmosphere, dosing systems, automatic packaging machines, complete lines.

Today Gandus Saldatrici can offer you a wide and complete range of products, which includes 33 different models available in more than 100 versions.

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Machines are designed and built under the most strict qualitative controls and in accordance with ISO 9001:2015 regulations.

Quality is our vocation.

Our policy is of steady improvement.

We reserve the right to change the technical specifications of the machines in this catalogue without previous notice.



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