gandus®
SALDATRICI
Medical Sealers Division
We care

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 9001

minirò H-lan touch

ISO 11607.2 fully Validatable rotary medical sealer
Sealing parameters control
Integrated two lines printer
Communication ports
Setting touch screen

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

It 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

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

Room Saving

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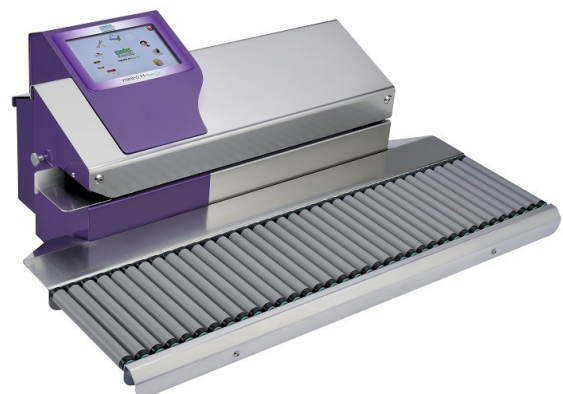
Cleaning and Disinfection

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

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Technical data

GENERAL FEATURES

Stainless Steel / painted steel frame

Built-in adjustable guide

Adjustable free edge

SEALING

Rotary sealing / multiline, flat as option

Sealing width 15 mm

Sealing length unlimited

Distance sealing-medical product mm ≥30 Din rules

HEAT SEALABLE MATERIALS

Pouches/reels EN 868-5

Tyvek® pouches/reels

Paper pouches EN 868-4

Gusseted pouches/reels

Laminated AL pouches

PP pouches

Ultra® pouches/reels

ISO 11607-2

Sealing validation through automatic critical sealing parameters control

Temperature control

Force control

Speed control

Sealing parameters visualization and recording

Overheating temperature probe

Sealer functioning diagnostic and check

Alarm/stop temperature tolerance +/-5 °C (DIN 58953-7)

Alarm and stop adjustable tolerance

Force alarm and stop

Speed/Time alarm and stop

DATABASE

Texts saving

Sealer ID saving

Operators / Expiry date / Batch code saving

Presettable programs

Technical data

CERTIFICATIONS/SAFETY

UNI EN ISO 11607-2:2006

UNI EN 868-5:2009

EN ISO TS 16775

DIN 58953-7

Directive 2006/42/EC-2014/30/EU-2014/35/EU

UNI/TR 11408:2011

Manufactured in a UNI EN ISO 9001:2015 quality system certified company

PARAMETERS

Sealing speed 3-13 mt/min

Max sealing temperature 200°C/Temp. tolerance ± 1%

Reference Sealing force 100N / Force Range 80-120N

Overheating control

CALIBRATION

Heating autocalibration function

Automatic self check of thermocouple battery and remote server condition at start-up

Temperature / Force / Speed calibration

FUNCTIONS

Microprocessor

Multilanguage menu

Starting / Printing photocell

Speed adjustment

Temperature setting

Operators / Batchs / Catalogues / Expiry dates setting

Stand by / Energy saving / Safety thermostat

On board battery for data retention even with machine off

Peripheries condition and diagnostic check up at start-up

Settings / Maintenance password

Display shutdown / Beeper on/off

Absolute / Settable / Maintenance counter

Clock and calendar function

Programmed maintenance

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INTERFACES

Display 7" colors

Touch screen

Windows® CE operating system

PC connection

Remote control via VNC/Ethernet

Labels printer

Lan net

RS 232 port

USB port

Ethernet port

Configuration data for Ethernet connection

Back up recordings on PC

BUILT-IN PRINTER FUNCTIONS

On/off print

EN / CE symbols

2 Print lines

Barcode

Adjustable print position

Standard or 180° rotation print image

Print automatic adjustment to pouch width

Settable printing formats

Settable character dimensions

Settable printing sequence

Production and expiry date

Batch / Operator alphanumeric code

Catalogue strings

Pouch progressive number

Pouch and sealer ID

Sealing speed / temperature / force

Sealing report print

TRACEABILITY AND SOFTWARE

Traceability through Ethernet

Traceability through local memory

VNC Remote Connection Software

Technical data

EXTERNAL PERIPHERIES

Labels printer

Barcode Scanner

LABELS PRINTER FUNCTIONS

Labels printer

On/off print

CE symbols

Barcode

Label dimensions setting

Standard or 180° rotation print image

Multi labels print

Settable printing sequence

Production and expiry date

Batch / operator alphanumeric code

Catalogue strings

Pouch progressive number

Pouch and sealer ID

Sealing speed / temperature / force

Sealing report print

POWER SUPPLY

Power supply 100; 110/115; 230/240 VAC single phase

Frequency 50/60 Hz; Multi-frequency

Max Power 600 W

ACCESSORIES

Front Support Tray

Roller Support Tray

Roll holder

Thermal transfer labels printer

SERVICES

Seal strength test EN 868-5

Machine calibration

Maintenance

DIMENSIONS / WEIGHTS

Dimensions 621x300x330 mm / Weight 26 Kg