

minirò H-seal VP *Evo*

**ISO 11607.2 fully Validatable rotary medical sealer.
Sealing parameters control.**

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 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 frame
Painted Steel frame
Built-in adjustable guide
Adjustable free edge

SEALING

Rotary sealing
Kind of 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 recording
Sealing parameters visualization
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 alarm and stop
Time alarm and stop

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 10 mt/min
Max sealing temperature 200°C
Reference Sealing force 100N
Temperature tolerance $\pm 1\%$
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 photocell
Temperature setting
Operators / Batches / Catalogues / Expiry dates setting
Stand by / Energy saving / Safety thermostat
On board battery for data retention even with machine off
Peripherals condition and diagnostic check up at start-up
Display shutdown
Absolute / Settable / Maintenance counter
Clock and calendar function
Beeper on/off
Programmed maintenance

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INTERFACES

Display 2 lines 16 cht

Membrane keyboard

Labels printer

RS 232 port

USB port

EXTERNAL PERIPHERIES

Labels printer

LABELS PRINTER FUNCTIONS

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 and operator alphanumeric code

Catalogue strings

Pouch progressive number

Pouch and sealer ID

Sealing speed / temperature / force

Sealing report print

Technical data

TRACEABILITY AND SOFTWARE

Traceability through USB pen drive

DATABASE

Texts saving

Sealer ID saving

Operators / expiry date / batch code saving

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 554x270x222 mm

Weight 15 Kg