

## SI 520 Vacuummed

### ISO 11607.2 fully Validatable pneumatic vacuum impulse sealer for medical pouches and reels.

#### **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**

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

#### **Traceability**

A dedicate traceability software is available for Gandus SI 520 Med.

#### **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, it allows an easy and effective cleaning and disinfection.

#### **Energy saving**

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

#### **Versions**

Also available 720 and 1020 versions.



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Technical data
<b>GENERAL FEATURES</b>
Stainless Steel frame
Adjustable free edge
Built-in cutting device
<b>SEALING</b>
Impulse sealing
Kind of sealing—flat
Sealing width 8 mm
Sealing length 520 mm
Distance sealing-medical product mm $\geq 30$ Din rules
<b>HEAT SEALABLE MATERIALS</b>
Pouches/reels EN 868-5
Tyvek <sup>®</sup> pouches/reels
Paper pouches EN 868-4
Gusseted pouches/reels
Laminated AL pouches
PP pouches
Header bags
Polyethylene
Ultra <sup>®</sup> pouches/reels
<b>ISO 11607-2</b>
Automatic critical sealing parameters control
Temperature. Force, time control
Sealing parameters visualization and recording
Sealer functioning diagnostic and check
Alarm/stop temperature tolerance $\pm 5$ °C (DIN 58953-7)
Alarm and stop adjustable tolerance
Force alarm and stop
Time alarm and stop

Technical data
<b>CERTIFICATIONS/SAFETY</b>
UNI EN ISO 11607-2:2006
UNI EN 868-5:2009
DIN 58953-7
Directives 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
<b>PARAMETERS</b>
Sealing time (sec.)
Max sealing temperature 200°C
Reference Sealing force about 650N
Temperature tolerance $\pm 1\%$
Force Range 700–850N
<b>CALIBRATION</b>
Heating autocalibration function
Automatic self check of thermocouple battery and remote server condition at start-up
Temperature/Force/Time calibration
<b>FUNCTIONS</b>
Microprocessor
Multilanguage menu
Temperature and time setting
Energy saving
On board battery for data retention even with machine off
Peripherals condition and diagnostic check up at start-up
Display shutdown
Settable counter
Clock and calendar function

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<b>VACUUM FUNCTION</b>
Venturi vacuum pump
Air suction capacity m <sup>3</sup> /h 11,3
Gas injection
Vacuum time function
Gas time function
9 settable programs
<b>INTERFACES</b>
Display 4 lines 20 cht
Membrane keyboard
PC connection
Remote control
DIAG port
Back up recordings on PC
<b>TRACEABILITY AND SOFTWARE</b>
Traceability through DIAG interface
Ropex Visualization Remote Connection Software

Technical data
<b>POWER SUPPLY</b>
Power supply 100; 110/115; 230/240 VAC single phase
Multi frequency; Frequency 50/60 Hz
Max Power 2500 W
<b>ACCESSORIES</b>
SIS Stand (adjustable in height)
SIPO/SIPI Worktable (adjustable, horizontal/inclined)
SICO Constant heat seal
SICU Cutting device max mm 450
<b>SERVICES</b>
Seal strength test EN 868-5
Machine calibration
Maintenance
<b>DIMENSIONS / WEIGHTS</b>
Dimensions 590x487x241 mm / Weight 34 Kg