

## Vseal.it

**The only fully Validatable medical pouch maker with Chevron SEAL  
for automatic production of sterilisable medical pouches  
starting from standard reels.**

### **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 the full traceability of all sealing parameters on a standard USB stick.

### **SecureScan Data Upload Software**

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

### **Packaging**

Vseal.it is suitable for manufacturing BOPP or Tyvek<sup>®</sup> 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 meter 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 Gandus medical sealers and pouch maker 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 cutting device

#### SEALING

Constant heat sealing  
Kind of sealing: Chevron multiline  
Sealing width 11,5 mm  
Sealing length 300

#### HEAT SEALABLE MATERIALS

Pouches/reels EN 868-5  
Tyvek® pouches/reels  
Ultra® pouches/reels

#### ISO 11607-2

Sealing validation through automatic critical sealing parameters control  
Temperature / Force / 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/Time alarm and stop

#### DATABASE

Presetable programs

#### CALIBRATION

Heating autocalibration function  
Automatic self check of thermocouple battery and remote server condition at start-up  
Temperature / Force / Speed calibration

### 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 0,4-7 mt/min  
Max sealing temperature 230°C  
Reference Sealing force 75N  
Temperature tolerance ± 1%  
Force Range 55-100N  
Overheating control

#### FUNCTIONS

Microprocessor  
Multilanguage menu  
Speed adjustment  
Temperature / speed setting  
Operators / Batches / Catalogues setting  
Packaging programs setting  
Energy saving / Safety thermostat  
On board battery for data retention even with machine off  
Peripherals condition and diagnostic check up at start-up  
Settings / Maintenance password  
Display shutdown  
Absolute / Settable / Maintenance counter  
Clock and calendar function  
Beeper on/off

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#### INTERFACES

Display 4,3" colors

Touch screen

PC connection

Barcode scanner

RS 232 port

USB port

#### TRACEABILITY AND SOFTWARE

Traceability through USB pen drive

SECURSCAN Data Upload Software

#### POWER SUPPLY

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

Frequency 50/60 Hz; Multi-frequency

Max Power 650 W

### Technical data

#### EXTERNAL PERIPHERIES

Barcode Scanner

#### ACCESSORIES

Front Support Tray

Roll holder

Barcode scanner

Securscan Data Upload Software

#### SERVICES

Seal strength test EN 868-5

Machine calibration

Maintenance

#### DIMENSIONS / WEIGHTS

Dimensions 590x520x300 mm

Weight 34 Kg

