



## MINIRÒ POLY VP TOUCH

ISO 11607.2 VALIDATABLE ROTARY MEDICAL SEALER

4.3" COLOUR TOUCH SCREEN

TRACEABILITY SYSTEM

LABEL PRINTER, BARCODE READER

REMOTE PC CONNECTION

ROTARY HEAT SEALER FOR POLYETHYLENE, POLYPROPYLENE, POLYPROPYLENE / PAPER BAGS, TYVEK<sup>®</sup> AND OTHER HEAT SEALABLE COUPLED MATERIALS.

FULLY VALIDABLE ACCORDING TO ISO 11607-2 STANDARDS.

INTERFACE WITH BARCODE SCANNER, LABEL PRINTER AND PC. 4.3" COLOR TOUCH SCREEN AND BARCODE READER SETTING. REMOTE PC CONNECTION VIA DEDICATED SOFTWARE.

CONTROLLED SEALING SPEED – 6 M/MIN (OPTION 4 M/MIN; 8 M/MIN).

TEMPERATURE REGULATION 10-220°C.

### **BENEFITS AND ADVANTAGES**

#### **MATERIALS**

EN 868-5 BAGS/ROLLS, TYVEK<sup>®</sup> BAGS, EN 868-4 PAPER/PAPER BAGS, GUSSET BAGS, LAMINATED ALUMINIUM BAGS, PP BAGS, HEADER BAGS, POLYETHYLENE.

#### **PACKAGING PROCESS VALIDATION**

ACCURATE CONTROL OF SEALING PARAMETERS, TO ENSURE CONSTANT AND REPEATABLE HIGH QUALITY OVER TIME, FOR MAXIMUM COMPLIANCE WITH ISO 11607.2 STANDARDS AND INTERNATIONAL GUIDELINES EN-ISO TS 16775.

#### **SAFETY**

MM 9 KNURLED SEALING (FLAT OPTION) TO ENSURE A PERFECT SEAL AND EASY AND SAFE PEELABILITY.

#### **OPERATOR INTERFACE**

EQUIPPED WITH A LARGE AND CLEAR 4.3" COLOR TOUCH SCREEN.

#### **COMPLETE AND EFFICIENT TRACEABILITY**

COMPLETE WITH SENSITIVE DATA TRACKING SYSTEM FOR EACH SEALED POUCH TO USB.

#### **EFFICIENT AND EFFECTIVE INTERFACES**

USB INTERFACE FOR CONNECTION TO STANDARD USB PENDRIVE FOR LOADING BATCH, OPERATOR, CATALOGUE, RECIPES, SAVING TRACEABILITY DATA, UPDATING HEAT SEALER FIRMWARE

RS 232 SERIAL PORT FOR CONNECTION TO BARCODE READER, LABEL PRINTER, REMOTE PC.

#### **EFFICIENT PRINTING**

ALL THE REQUIRED DATA CAN BE PRINTED WITH THE LABEL PRINTER CONNECTED TO THE SEALING MACHINE IN A SIMPLE, FAST AND SAFE WAY.

#### **SANITIZATION AT THE HIGHEST LEVELS**

AISI 304 STAINLESS STEEL COVER FOR MAXIMUM SANITIZATION.

#### **ENERGY SAVING**

DESIGNED AND BUILT FOR PROCESS OPTIMIZATION IN FULL COMPLIANCE WITH ENERGY SAVING EFFICIENCIES.

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### ACCESSORIES

MOTORIZED CONVEYOR BELT

PS 654 WORKT TABLE

RL 80 SLIDING ROLLER CONVEYOR

BARCODE READER

PRN 2000 LABEL PRINTER

### COMPLIANCE

UNI EN ISO 11607.2

UNI EN 868-5: 2019

EN ISO TS 16775

DIN-58953 7

DIRETTIVE 2006/42/EC-2014/30/UE-2014/35/UE

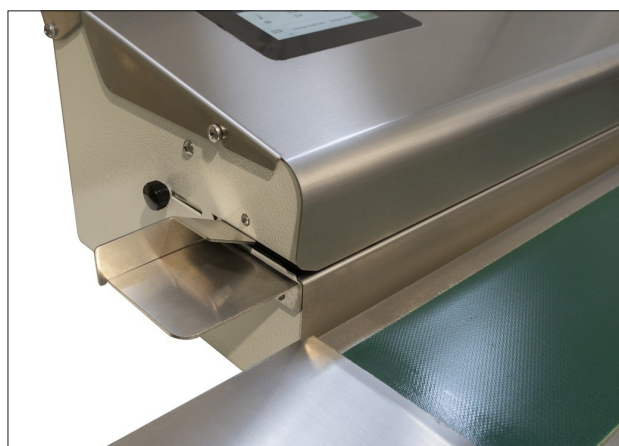
UNI/TR 11408:2011

STERILIZATION GUIDELINES-MEMO 5

PRODUCED IN A COMPANY CERTIFIED WITH THE UNI EN ISO 9001:2015 QUALITY SYSTEM

### TESTING AND VALIDATION SERVICES

GANDUS SALDATRICI OFFERS A RANGE OF TESTING AND VALIDATION SERVICES TO ENSURE SAFE AND RELIABLE DAILY MONITORING OF MEDICAL SEALING MACHINES FOR STERILIZATION POUCHES IN ACCORDANCE WITH ISO 11607.1.2 AND ASTM F1929 STANDARDS.



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### GENERAL FEATURES

STAINLESS STEEL FRAME

PAINTED STEEL FRAME

BUILT-IN ADJUSTABLE GUIDE

ADJUSTABLE FREE EDGE

### SEALING

ROTARY SEALING

KIND OF SEALING: KNURLED, FLAT AS OPTION

SEALING WIDTH 9 MM

SEALING LENGTH UNLIMITED

SEAL DISTANCE FROM THE EDGE MM 35

### HEAT SEALABLE MATERIALS

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

### ISO 11607-2

SEALING VALIDATION THROUGH AUTOMATIC CRITICAL SEALING PARAMETERS CONTROL

SEALING TEMPERATURE CONTROL

SEALING FORCE CONTROL THROUGH LOADCELL

SPEED CONTROL

SEALING PARAMETERS RECORDING

SEALING PARAMETERS VISUALIZATION

OVERHEATING TEMPERATURE PROBE

SEALER FUNCTIONING DIAGNOSTIC AND CHECK

ALARM/STOP TEMPERATURE TOLERANCE  $\pm 5$  °C (DIN 58953-7)

ALARM AND STOP ADJUSTABLE TOLERANCE

FORCE ALARM AND STOP

SPEED/TIME ALARM AND STOP

ERRORS/OMISSIONS EXPECTED

### CERTIFICATIONS/SAFETY

UNI EN ISO 11607-2

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

STERILIZATION GUIDELINES-MEMO 5

MANUFACTURED IN A UNI EN ISO 9001:2015 QUALITY SYSTEM CERTIFIED COMPANY

### PARAMETERS

CONTROLLED SEALING SPEED 6 MT/MIN (OPT. 4 MT/MIN; 8 MT/MIN)

CONTROLLED SEALING TEMPERATURE 10-220°C

REFERENCE SEALING FORCE 65N-105N

TEMPERATURE TOLERANCE  $\pm 1\%$

FORCE RANGE 70N

AUTOMATIC SEALING PRESSURE ADJUSTMENT

OVERHEATING AND INTERNAL MACHINE TEMPERATURE CONTROL

### CALIBRATION

HEATING AUTOCALIBRATION FUNCTION

AUTOMATIC SELF CHECK OF THERMOCOUPLE BATTERY AND REMOTE SERVER CONDITION AT START-UP

TEMPERATURE / FORCE / SPEED CALIBRATION

### SEALER SETTING

PARAMETERS SETTING VIA TOUCH SCREEN/BARCODE READER OPTION)

4 CHARACTERS PASSWORD TO BLOK ACCESS

GENERAL, SETTABLE, MAINTENANCE COUNTER

10 SEALING RECIPES

24 ALPHANUMERIC BATCH CODES 20 CHARACTERS

32 ALPHANUMERIC OPERATOR NAMES 20 CHARACTERS

CATALOG STRING MAX 120 CHARACTERS, COMPOSABLE WITH 120

ALPHANUMERIC STRINGS OD 20 CHARACTERS

PRODUCTION DATE

ADJUSTABLE EXPIRY DATE IN DAYS, WEEKS, MONTHS

DATE FORMATS D/M/Y - M/D/Y - Y/M/D - Y/M - M/Y—Y

HOURLY/CALENDAR FUNCTION

ALARM BEEPER

PROGRAMMED MAINTENANCE

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### INTERFACES

4,3" COLOUR TOUCH SCREEN DISPLAY

ICONS MULTILANGUAGE MENU

LABELS PRINTER

RS 232 PORT TO CONNECTION TO BARCODE READER, LABELS PRINTER, REMOTE PC

USB PORT FOR LOT LOADING, OPERATOR, CATALOG, RECIPES, TRACEABILITY DATA SAVING, SEALER FIRMWARE UPDATING

### LABELS PRINTER

PRINTING IN ALPHANUMERIC AND BARCODE FORMAT (CODE 39) OF SETTED DATA

### BARCODE READER

SEALER SETTING THROUGH BARCODE READER (CODE 39). CODES CAN BE GENERATED VIA DEDICATED SOFTWARE

### REMOTE PC CONNECTION

CONNECTION TO REMOTE PC THROUGH DEDICATED SOFTWARE TO SAVE POUCHES SEALING PARAMETERS

### ALARMS AND SAFETY

ALARM HIGH/LOW TEMPERATURE

ALARM HIGH/LOW FORCE

ALARM HIGH/LOW SPEED

ALARM TRACEABILITY

ALARM MACHINE OVERHEATING

ALARM SEALER CALIBRATION

ALARM CONNECTED TO DIAGNOSTIC

### TRACEABILITY THROUGH USB PENDRIVE

SAVING OF ALL SENSITIVE DATA RELATED TO EACH SEALED POUCH  
POUCH ID

SEALING DATE AND TIME

SEALING TEMPERATURE

SEALING STRENGTH

SEALING SPEED

LOT CODE

OPERATOR NAME

ALARM CODES

### POWER SUPPLY

POWER SUPPLY V 230; V 100/120 – SINGLE PHASE

FREQUENCY 50/60 Hz

AVERAGE POWER CONSUMPTION 150W\*

### ACCESSORIES

PS-654 FRONT SUPPORT TRAY

RL 80 ROLLER SUPPORT TRAY

BARCODE READER

PRN 2000 THERMAL TRANSFER LABELS PRINTER

MOTORIZED TRANSPORT BELT

### SERVICES

SEAL STRENGTH TEST EN 868-5

MACHINE CALIBRATION

MAINTENANCE

### DIMENSIONS / WEIGHTS

DIMENSIONS MM 590x270x237

WEIGHT Kg 18

ERRORS/OMISSIONS EXCEPTED  
\* MAY VARY DURING HEATING UP PHASE

