



## MINIRÒ H-SEAL VP *Evo*

ISO 11607.2 VALIDATABLE ROTARY MEDICAL SEALER  
SEALING PARAMETERS CONTROL  
COMMUNICATION INTERFACES  
TRACEABILITY

ISO 11607.2 VALIDATABLE ROTARY MEDICAL SEALER WITH SEALING PARAMETERS CONTROL, OPERATOR'S FRIENDLY COMMUNICATION INTERFACES, FULL TRACEABILITY.

### **PACKAGING PROCESS VALIDATION**

FULL COMPLIANCE WITH ISO 11607-2 STANDARD AND INTERNATIONAL GUIDELINES EN-ISO TS 16775.

### **PACKAGING**

SUITABLE FOR THE SEALING OF ALL KNOWN, SEALABLE, PRE-MADE STERILE BARRIER SYSTEMS, UNCOATED TYVEK®, AS WELL AS THE NEWEST GENERATION OF PACKAGING MATERIAL.

### **CUSTOMIZED SEAL**

CHOOSE BETWEEN VERSION WITH FLAT SEAL, SUITABLE ESPECIALLY FOR TYVEK® POUCHES AND MULTILINE SEAL, SUITABLE FOR LAMINATED AND PAPER POUCHES.

### **CUSTOMIZED ADVANCED SAFETY**

CHOOSE AMONG THE RELIABLE AND WELL KNOWN GANDUS SEAL WIDTHS: STANDARD MM 15, ON DEMAND MM 12 AND MM 8, FOR A PERFECT SEAL STRENGTH WITH AN EASY AND SAFE PEELABILITY.

### **HUMAN INTERFACE**

USER FRIENDLY 16 CHARACTERS ON 2 LINES DIGITAL DISPLAY AND A WIDE AND CLEAR KEYBOARD.

### **COMMUNICATION INTERFACES**

A USB INTERFACE ALLOWS CONNECTION TO USB PENDRIVE STANDARD.

### **TRACEABILITY**

FULL TRACEABILITY OF ALL SEALING PARAMETERS ON A STANDARD USB STICK.

### **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 CAN 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  
CUSTOMIZED KIND OF SEALING: FLAT OR MULTILINE  
SEALING WIDTHS: STANDARD MM15; ON DEMAND MM12/MM8  
SEALING LENGTH: UNLIMITED  
SEAL DISTANCE FROM THE EDGE MM 0-35

#### 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  
ULTRA<sup>®</sup> 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  $\pm 5$  °C (DIN 58953-7)  
ALARM AND STOP ADJUSTABLE TOLERANCE  
FORCE ALARM AND STOP  
SPEED ALARM AND STOP  
TIME ALARM AND STOP

ERRORS/OMISSIONS EXCEPTED

### 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 PHOTOCCELL  
TEMPERATURE SETTING  
OPERATORS / BATCHS / CATALOGUES / EXPIRY DATES SETTING  
STAND BY / ENERGY SAVING  
SAFETY THERMOSTAT  
ON BOARD DATA RETENTION BATTERY EVEN WITH MACHINE OFF  
PERIPHERIES 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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### TECHNICAL DATA

#### 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

ERRORS/OMISSIONS EXCEPTED

\* MAY VARY DURING HEATING UP PHASE

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### 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  
AVERAGE POWER CONSUMPTION 150W\*

#### 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 MM 554x270x222  
WEIGHT KG 15

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