



SI MED 720

ISO 11607.2 FULLY VALIDATABLE

PNEUMATIC IMPULSE SEALER

FOR MEDICAL POUCHES AND REELS.

ROPEX RESISTRON[®] RES 5450 CONTROLLER

PNEUMATIC HEAT SEALERS VALIDATED ACCORDING TO ISO 11607.2 STANDARDS, COMPLIANT DIRECTIVE EN 868-5, ISO TS 16775, EN 868-2, DIN 58953-7 STANDARDS.

VERTICAL / HORIZONTAL SEALING DEPENDING ON WHETHER OR NOT THE SUPPORT IS USED.

SEALING MM 8, FLAT.

SEALING LENGTH MM 720.

HEAT SEALABLE MATERIALS: BAGS/ROLLS EN 868-5, TYVEK[®], PAPER/PAPER EN 868-4, WITH GUSSETS, LAMINATED ALUMINUM, PP, HEADER BAGS, POLYETHYLENE, ULTRA[®].

ADVANTAGES AND BENEFITS

PACKAGING PROCESS VALIDATION

AUTOMATIC CONTROL AND RECORDING OF CRITICAL SEALING PARAMETERS TO ENSURE CONSTANT AND REPEATABLE HIGH QUALITY OVER TIME, COMPLIANT WITH ISO 11607.2 STANDARDS AND INTERNATIONAL GUIDELINES EN-ISO TS 16775.

PERFORMANCE

SI MED COMES STANDARD WITH NEW ROPEX RESISTRON[®] RES 5450 CONTROLLER, EVEN MORE HIGH PERFORMING.

SAFETY

MM 720 X MM 8 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

AVAILABLE DEDICATED SEALING PARAMETERS TRACEABILITY SOFTWARE.

HUMAN INTERFACE

COLOUR LCD AND EASY TO USE SOFTWARE ALLOWS A USER FRIENDLY APPROACH TO THE 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.

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NEW CONTROLLER ROPEX RESISTRON[®] RES 5450

- GRAPHIC DISPLAY OF THE MEASURED VALUES
- RECIPE MANAGEMENT, MAX 9 RECIPES
- TRC CALCULATOR: ADJUSTMENT OF THE HEAT SEALING BAND TC BY MEANS OF REFERENCE VALUE INPUT
- CSA CERTIFICATION
- PASSWORD MANAGEMENT
- HIGH RESOLUTION COLOR DISPLAY (TFT)
- INTUITIVE CONFIGURATION MENU
- BATCH COUNTER
- GALVANICALLY ISOLATED ANALOG OUTPUT
- USB-C FOR ROPEX VISUAL SOFTWARE
- DYNAMIC QR CODE WITH INSTRUCTIONS FOR
- TROUBLESHOOTING (ROPEX WEBSITE)
- PARTS COUNTER
- PC INTERFACE FOR DIAGNOSTICS AND MAINTENANCE



- FORCE AND TEMPERATURE MEASUREMENT WITH DIAGNOSTICS
- AMBIENCE TEMPERATURE DETECTION FOR AUTOCAL
- OUTPUTS STATUS DISPLAY
- HIGHER POWER DUE TO PRIMARY SIDE CONTROL
- WIDE VOLTAGE RANGE
- SEALING CYCLES COUNTER
- ON-SITE FIRMWARE UPDATE (ROPEXUPDATE)
- SEVERAL CONFIGURABLE GALVANICALLY ISOLATED OUTPUTS AND INPUTS SIGNALS
- ALARM OUTPUT
- PUSH-IN CONNECTORS

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TECHNICAL DATA

GENERAL FEATURES

STAINLESS STEEL FRAME
PNEUMATIC FUNCTIONING
IMPULSE SEAL

SEALING

IMPULSE SEALING
KIND OF SEALING - FLAT
SEALING WIDTH MM 8
SEALING LENGTH MM 720
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
HEADER BAGS
POLYETHYLENE
ULTRA[®] POUCHES/REELS

ISO 11607-2

AUTOMATIC CRITICAL SEALING PARAMETERS CONTROL
TEMPERATURE. FORCE, TIME CONTROL
SEALING PARAMETERS VISUALIZATION AND RECORDING
SEALER FUNCTIONING DIAGNOSTIC AND CHECK
ALARM/STOP TEMPERATURE TOLERANCE ± 5 °C (DIN 58953-7)
ALARM AND STOP ADJUSTABLE TOLERANCE
FORCE ALARM AND STOP
TIME ALARM AND STOP

TECHNICAL DATA

CERTIFICATIONS/SAFETY

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

PARAMETERS

SEALING TIME (SEC.)
MAX SEALING TEMPERATURE 200°C
REFERENCE SEALING FORCE ABOUT 650N
TEMPERATURE TOLERANCE $\pm 1\%$
FORCE RANGE 700-850 N

CALIBRATION

HEATING AUTOCALIBRATION FUNCTION
AUTOMATIC SELF CHECK OF THERMOCOUPLE BATTERY AND REMOTE
SERVER CONDITION AT START-UP
TEMPERATURE/FORCE/TIME CALIBRATION

FUNCTIONS

MICROPROCESSOR
MULTILANGUAGE MENU
TEMPERATURE AND TIME SETTING
ENERGY SAVING
ON BOARD BATTERY FOR DATA RETENTION EVEN WITH MACHINE
OFF
PERIPHERIES CONDITION AND DIAGNOSTIC CHECK UP AT START-UP
DISPLAY SHUTDOWN
SETTABLE COUNTER
CLOCK AND CALENDAR FUNCTION

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TECHNICAL DATA

INTERFACES

COLOUR LCD
MEMBRANE KEYBOARD
PC CONNECTION
REMOTE CONTROL
DIAG PORT
BACK UP RECORDING ON PC

TRACEABILITY AND SOFTWARE

TRACEABILITY THROUGH DIAG INTERFACE
ROPEX VISUALIZATION REMOTE CONNECTION SOFTWARE

POWER SUPPLY

POWER SUPPLY 100; 110/115; 230/240 VAC SINGLE PHASE
MULTI FREQUENCY; FREQUENCY 50/60 Hz
MAX POWER 2500/3000 W

Technical data

Accessories

SIS Stand (adjustable in height)
SIPO/SIPI Working table (horizontal or inclined)
SICO Constant heat seal
SICU Cutting device max mm 450

Services

Seal strength test EN 868-5
Machine calibration
Maintenance

Dimensions / Weights

Dimensions 790x487x241 mm / Weight 36 Kg
