



NEW MEDICAL H 460-610-710

DIGITAL ACCUTEMP

IMPULSE SEALERS FOR MEDICAL POUCHES AND REELS
ISO 11607.2 FULLY VALIDATABLE

PC INTERFACE

NEW ROPEX RESISTRON[®] RES 5450 CONTROLLER

TODAY STANDARD WITH THE NEW ROPEX RES 5450 CONTROLLER, EVEN MORE HIGH-PERFORMING.

IMPULSE SEALERS WITH TOTAL CONTROL OF SEALING PARAMETERS.

FULLY VALIDATABLE TO THE ISO 11607.2, ISO TS 16775, EN 868-2, DIN 58953-7 STANDARDS.

AISI 304 STAINLESS STEEL COVER.

IMPULSE FLAT SEAL, SEALING WIDTH MM 8, SEALING LENGTH MM 460/610/710.

HEATSEALABLE MATERIAL: PRE-MADE STERILE BARRIER SYSTEMS, UNCOATED TYVEK[®], NEWEST GENERATION PACKAGING MATERIALS.

MANUAL OPERATION OR BY OPTIONAL ELECTRIC FOOT PEDAL BUTTON.

ADVANTAGES AND BENEFITS

PACKAGING PROCESS VALIDATION

TOP-NOTCH TECHNOLOGY FOR THE MOST ACCURATE SEALING PARAMETERS CONTROL TO GUARANTEE PERFECT CONFORMITY TO ISO 11607.2 STANDARDS AND EN-ISO TS 16775 INTERNATIONAL GUIDELINES.

THREE SEALING PARAMETERS - TEMPERATURE - FORCE - TIME, ARE ACCURATELY CONTROLLED 50 TIMES A SECOND DURING THE CYCLE BY NEW ROPEX RESISTRON[®] RES 5450 CONTROLLER, THUS GUARANTEEING REPEATABILITY OF SEAL TOP QUALITY. IN CASE OF ANY DEVIATION FROM SET PARAMETERS, THE MACHINE AUTOMATICALLY STOPS WORKING AND AN ALARM APPEARS ON THE DISPLAY.

SAFETY

FLAT MM 8 WIDE SEAL TO GUARANTEE A PERFECT SEAL STRENGTH WITH AN EASY, SAFE AND EFFECTIVE PEELABILITY.

COMMUNICATION INTERFACES

USB-C PORT INTERFACE FOR AN UTMOST ADVANCED COMMUNICATION WITH DEDICATED SOFTWARE FOR TRACEABILITY.

TRACEABILITY AND PC INTERFACE

REMOTE MANAGEMENT SOFTWARE, DEDICATED TRACEABILITY SOFTWARE, WITH PC INTERFACE, TO REMOTELY SET THE SEALER AND RECORD AND MANAGE FUNCTIONING DATA TO GUARANTEE FULL TRACEABILITY OF SEALING PARAMETERS, THAT CAN BE STORED AND MANAGED AS DOCUMENTS OF PROCESS VALIDATION.

OPERATOR'S INTERFACES

20 CHARACTERS, 4 LINES DIGITAL DISPLAY AND EASY TO USE SOFTWARE FOR A USER FRIENDLY AND ERGONOMIC APPROACH TO THE SEALER.

CLEANING AND DISINFECTION

AISI 304 STAINLESS STEEL COVER FOR AN EASY AND EFFECTIVE CLEANING AND DISINFECTION.

VERSIONS

SEALING LENGTHS MM 460, MM 610, MM 710.

STANDARD VERSION AND GT VERSION WITH INTEGRATED ROLL HOLDER AND CUTTING DEVICE. CUTTING LENGTH MM 370/500/610.

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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 FEATURES	MEDICAL H 460-610-710 DIGITAL ACCUTEMP
COVER	AISI 304 STAINLESS STEEL
SEALING	IMPULSE, FLAT
SEALING HEIGHT	MM 8
MAX SEALING LENGTH	MM 460 (MEDICAL H460 ATDP) MM 610 (MEDICAL H610 ATDP) MM 710 (MEDICAL H710 ATDP)
HEAT SEALABLE MATERIALS	PRE-MADE STERILE BARRIER SYSTEMS, UNCOATED TYVEK [®] , ULTRA [®] , HEADER BAGS, PE
SEALING BAR	DOUBLE SEALING BAR OPTIONAL -> CHOOSE SEALING MODE, EITHER SINGLE OR DOUBLE SEALING BAR
ROLL HOLDER AND CUTTING DEVICE	INCLUDED IN GT VERSIONS
SEALING CYCLE ACTIONING	MANUAL OT VIA ELECTRIC PEDAL SEALING BARS CLOSING VIA ELECTROMAGNET
FREE EDGE	ADJUSTABLE
TEMPERATURE SETTING AND CONTROL	VIA DIGITAL ELECTRONIC TEMPERATURE CONTROLLER <i>ROPEX RES 5450</i>
ISO 11607-2	AUTOMATIC CRITICAL SEALING PARAMETERS CONTROL TEMPERATURE, FORCE, TIME CONTROL SEALING PARAMETERS VISUALIZATION AND RECORDING SEALER FUNCTIONING DIAGNOSTIC AND CHECK ALARM AND STOP TEMPERATURE TOLERANCE $\pm 5^{\circ}\text{C}$ (DIN 58953-7) ALARM AND STOP ADJUSTABLE TOLERANCE FORCE / TIME ALARM AND STOP
INTERFACES	DISPLAY 4 LINES, 20 CHT MEMBRANE KEYBOARD PC CONNECTION REMOTE CONTROL RS 232 PORT USB-C PORT
MENU	MULTILANGUAGE
TEMPERATURE CONTROL	ELECTRONIC 0-250°C, TOLERANCE $\pm 1\%$



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TRACEABILITY AND SOFTWARE	TRACEABILITY VIA USB-C PORT REMOTE CONNECTION VIA SOFTWARE ROPEX VISUALIZATION
FUNCTIONS	TEMPERATURE CONTROLLER <i>ROPEX RESISTRON[®] RES 5450</i> DATA RETENTION WITH MACHINE OFF PERIPHERIES CONDITION AND DIAGNOSTIC CHECK UP AT START-UP DISPLAY SHUTDOWN SETTABLE COUNTER CLOCK AND CALENDAR FUNCTION DISPLAY OF SET AND ACTUAL SEALING TIME AND TEMPERATURE SEALING COUNTER AND ACTUAL SEALING FORCE GRAPHICAL REPRESENTATION OF SEALING CYCLE SETTING SEALING TIME AND TEMPERATURE SETTING COOLING TEMPERATURE RESETTABLE CYCLE COUNTER SEALING CYCLE START DELAY SETTING DISPLAY OF ACTUAL SEALING TEMPERATURE IN 'HOLD' MODE AUTOMATIC SELF-CALIBRATION SETTING (AUTOCAL) COOLING MODE SETTING (ABSOLUTE, RELATIVE/PERCENTAGE, TIME) 9 SEALING RECIPES SETTING SETTABLE RECIPES NUMBER WORKING MODE SELECTION ONLY VIA RECIPES PASSWORD FOR CONFIGURATION LOCK SEALING SETTING 1 OR 2 SEALING BARS (OPTIONAL)
CONFORMITIES	UNI EN ISO 11607-2 UNI EN 868-5 DIN 58953-7 2006/42/EC-2014/30/UE-2014/35/UE UNI/TR 11408:2011 MANUFACTURED IN A UNI EN ISO 9001:2015 QUALITY SYSTEM CERTIFIED COMPANY
POWER SUPPLY	V 230 - Hz 50/60 - SINGLE PHASE 2100W (MEDICAL H 460 ATDP) / 2500W (MEDICAL H 610 E 710 ATDP) ONLY DURING SEALING CYCLE AT SEALING TEMPERATURE
DIMENSIONS (L. X H. X D.) WEIGHT	MM 560 x 230 x 390 / KG 30 (MEDICAL H 460 ATDP) MM 710 x 230 x 360 / KG 37 (MEDICAL H 610 ATDP) MM 810 x 230 x 360 / KG 40 (MEDICAL H 710 ATDP)
ACCESSORIES UPON REQUEST	FRONT SUPPORT TRAY ROLL HOLDER AND CUTTING DEVICE PEDAL CALIBRATION PROBE KIT TERMOMETER AND PROBE FOR TEMPERATURE CALIBRATION

ERRORS AND OMISSIONS EXCLUDED