

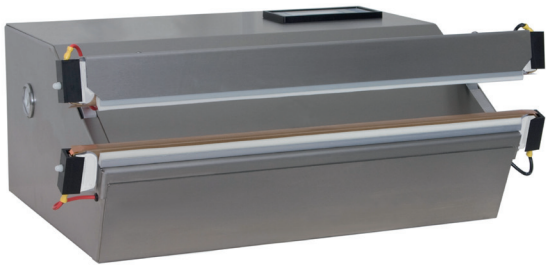
# Audion Medical Impulse Sealers

Medsealers for medical device & disposable manufacturers, for industries where precision and safety are of great importance.

## Power Sealer IST MED

### Advantages

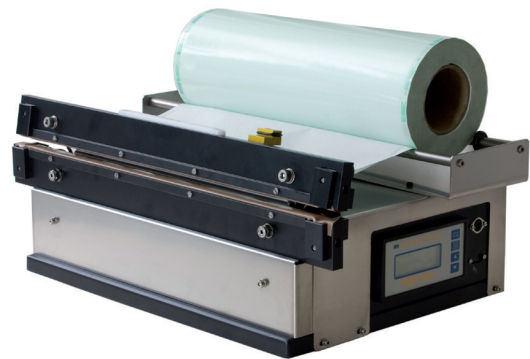
- Strong price - quality ratio
- Heavy duty design
- Sealing length up to 1020 mm
- Large seal bar opening 45 mm
- 1 program
- User friendly digital panel
- Bi-active sealing bars suitable for laminates and thick pouches
- Machine can be equipped with support stand
- Horizontal and vertical sealing position in combination with support
- Pneumatically closed sealing bars (no overheating of electro magnets)
- Machine built according to the latest directives



## MEDSEAL®

These impulse sealers are suitable for sealing medical sterilization pouches (PE/PP/Paper, Paper/Paper) in accordance with the EN 868-1, the DIN 58953 part 7 and ISO 11607 standard.

MEDSEAL® impulse sealers are available in three different versions; the MEDSEAL®, the MEDSEAL® digital and the MEDSEAL® digital validatable. All versions are available in two sizes; 460 and 611.



Specifications	520 IST MED	720 IST MED	1020 IST MED
Seal length	520 mm	720 mm	1020 mm
Seal width	8 mm	8 mm	8 mm
Bi-active sealing bars	•	•	•
Film thickness	20-400micron	20-400micron	20-400micron
Power supply	230V-1Ph-50/60Hz	230V-1Ph-50/60Hz	230V-1Ph-50/60 Hz
Consumption	2500 W	3000W	3000W
Air pressure	> 6 Bar	> 6 Bar	> 6 Bar
RS 232 connection	•	•	•
IP value	IP 20	IP 20	IP 20

### Options

- Work table
- Support
- Bag support
- Stretch fingers (for 1020 model)
- Data software

Specifications	460 MSIK	611 MSIK	460 MSIDK	611 MSIDK	460 MSIDVK	611 MSIDVK
Dimensions	560 x 360 x 230 mm	710 x 360 x 230 mm	560 x 360 x 230 mm	710 x 360 x 230 mm	560 x 360 x 230 mm	710 x 360 x 230 mm
Weight	33 kg	40 kg	33 kg	40 kg	33 kg	40 kg
Seal length	460 mm	610 mm	460 mm	610 mm	460 mm	610 mm
Seal width	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm
Bi-active seal bars	•	•	•	•	•	•
Single magnet closing	•	•	•	•	•	•
Electronic control seal and cool time	•	•				
Digital seal temperature/ time controller			•	•	•	•
Digital cool temperature/ time controller			•	•	•	•
Alarm function tolerance (+/- 5°C)			•	•	•	•
4 lines LCD			•	•	•	•
RS 232					•	•
Possibility to heat 1 bar			•	•	•	•
Digital seal pressure with alarm function					•	•
Knife	•	•	•	•	•	•
Consumption	1700 W	2100 W	2100 W	2000 W	2100 W	2500 W
Built in accordance with	37/98/CE; 89/336/CEE; 73/23/CEE					
Power supply	230V-1ph-50/60 Hz					

### Options

- Foot pedal
- Stainless steel work table
- Data software

# Power Sealer Magvac Medical

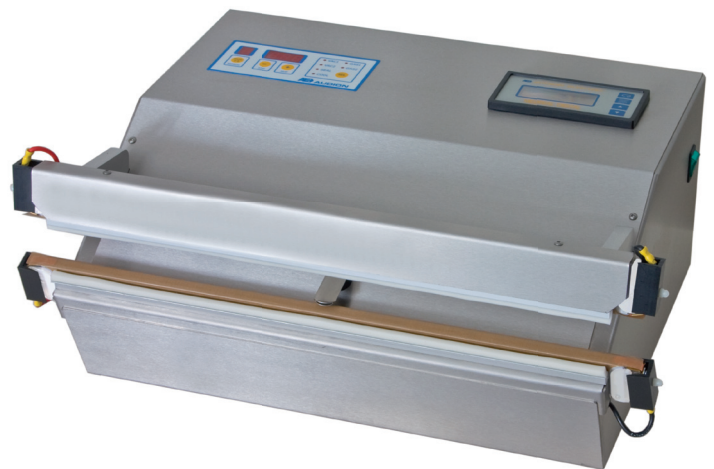
## Powerful vacuum sealer designed for validated sealing and vacuum/MAP packaging

The Audion Magvac Medical is a powerful, stainless steel vacuum sealer equipped with a vacuum nozzle and bi-active sealing bars. This machine is designed for validated sealing and can be used for vacuum packaging and modified atmosphere packaging.

The Machine is available with a sealing length of 520 mm, 720 mm or 1020 mm and standard equipped with a foot pedal.

### Advantages of Magvac MED

- Strong price - quality ratio
- Heavy duty design
- Sealing length up to 1020 mm
- Large seal bar opening 45 mm
- 9 programs
- Machine can be equipped with support stand
- Horizontal and vertical sealing position in combination with support
- Bi-active sealing bar suitable for laminates and thick pouches
- Pneumatically closed sealing bars (no overheating of electro magnets)
- User friendly digital panel
- Machine built according to latest directives



Technical details	520 MVMED	720 MVMED	1020 MVMED
Seal length	520 mm	720 mm	1020 mm
Seal width	8 mm	8 mm	8 mm
Venturi pump	11,3 m <sup>3</sup> /h	11,3 m <sup>3</sup> /h	11,3 m <sup>3</sup> /h
Power	230V-1ph-50/60 Hz	230V-1ph-50/60 Hz	230V-1ph-50/60 Hz
Consumption	2500 W	3000 W	3000 W
Air pressure	>6 bar	> 6 bar	> 6 bar
IP value	IP 20		
Machine Directive	2006/42/CE		
Low Voltage Directive	2006/95/CE		
EMC-Directive	2004/108/CE		
Standards	EN 983+A1/ EN 1037 + A1/ EN-IEC 60204-1/EN-ISO 13850/ EN-ISO 12100-1/2		

### Options

- Support
- Work table
- Bag support
- Stretch fingers (only on 1020 MVMED)
- Data software



# Audion Medical Rotary sealers

**Advanced medical rotary sealers for sealing and coding medical sterilization pouches.**

## Contimed D 662 MD

This basic epoxy medical rotary sealer is the perfect model when needing a high quality compact sealer for a modest budget. This sealer is suitable for medical pouches.\*



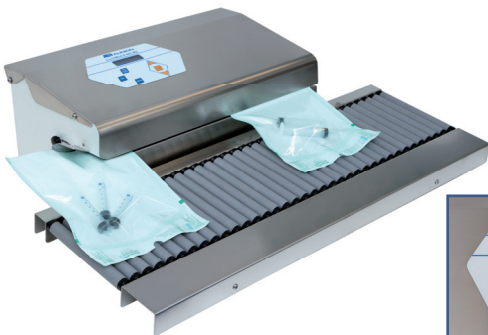
## Contimed D 666 MPCV

Advanced medical rotary sealer for validated processes through constant monitoring of all seal parameters and alarm / block functions when a parameter is out of range. (in accordance with DIN 58953).



## Contimed D 665 MD

Stainless steel medical rotary sealer for medium to large production quantities.



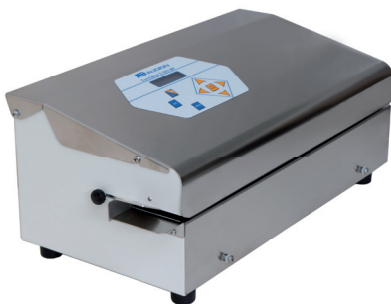
## Contimed D 770 MPCV

Full Validatable medical rotary sealer for sealing and coding medical sterilization pouches. (in accordance with DIN 58953)



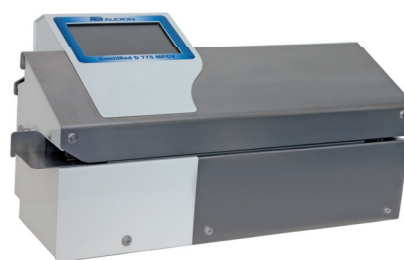
## Contimed D 665 MP

The D 665 MP is a medical rotary sealers for sealing and coding medical sterilization pouches. Equipped with a 9-dots internal matrix printer and advanced sealing features. (in accordance with DIN 58953).



## Contimed D 775 MPCV

Full Validatable Touch medical rotary sealer for sealing and coding medical sterilization pouches. Audion's most advanced medical sealer developed to seal pouches according to DIN 58953 Part 7 and is suitable for packing sterilized products according to ISO 11607 and EN 868.



\* All Audion rotary sealers are suitable for sealing paper/laminate, aluminum/laminate and tyvec pouches. Completely transparent pouches can not be sealed on these sealers.

Specifications	D662 MD	D665 MD	D665 MP	D666 MPCV	D770 MPCV	D775 MPCV
Dimensions	495 x 220 x 172 mm	554 x 270 x 222 mm	554 x 270 x 222 mm	554 x 270 x 222 mm	621 x 300 x 330 mm	621x300x330mm
Weight	13 kg	16	18 kg	18,5 kg	26 kg	26 kg
Seal speed	6 m/min	10 m/min	10 m/min	10 m/min	10 m/min	Adjustable sealing speed 3-13 m/min
Seal width	12 mm multi-line	15 mm multi-line	15 mm multi-line	15 mm multi-line	15 mm multi-line	15 mm multi-line
Temperature range	max. 180°C	max. 200°C	max. 200°C	max. 200°C	max. 200°C	max. 200°C
Temperature controller accuracy	+/-1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Automatic in-feed block when temp changes > +/- 5°C	-	•	•	•	•	•
Automatic in-feed block when speed changes > +5% or -9%	-	-	-	•	•	•
Automatic in-feed block when pressure changes > +25N or -15N	-	-	-	•	•	•
Alarm on temperature	-	•	•	•	•	•
Alarm on pressure and speed	-	-	-	•	•	•
Internal matrix printer	-	-	• 9 dots	• 9 dots	• 18 dots, 2 lines	• 18 dots, 2 lines
Printed symbols according to the EN980 standard	-	-	-	•	•	•
LC display for parameter settings/programming	-	• 2 lines	• 2 lines	• 4 lines	• 4 lines	• touch screen
Numeric display	•	-	-	-	-	-
Stainless steel top cover plate (epoxy coated base)	-	•	•	•	•	•
Self adjusting pressure wheel adapts to different pouch thicknesses	•	•	•	•	•	•
Production date, different expiry periods, operator names, batch numbers, different counter functions programmable	-	-	•	•	•	•
Batch counter	-	•	•	•	•	•
External LAN connection Traceability	-	-	-	-	•	•
Internal clock, calendar function	-	-	•	•	•	•
Safety thermostat	•	•	•	•	•	•
Consumption	550 W	550 W	600 W	600 W	650 W	600W
Power	230V-1 ph-50/60 Hz	230V-1 ph-50/60 Hz	230V-1 ph-50/60 Hz	230V-1 ph-50/60 Hz	230V-1 ph-50/60 Hz	230V-1 ph-50/60 Hz

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# Medical Heat Sealer 300 MHS

For sterile and hermetic packaging of your medical tools without risk of burning the Packaging material.

## 300 MHS advantages

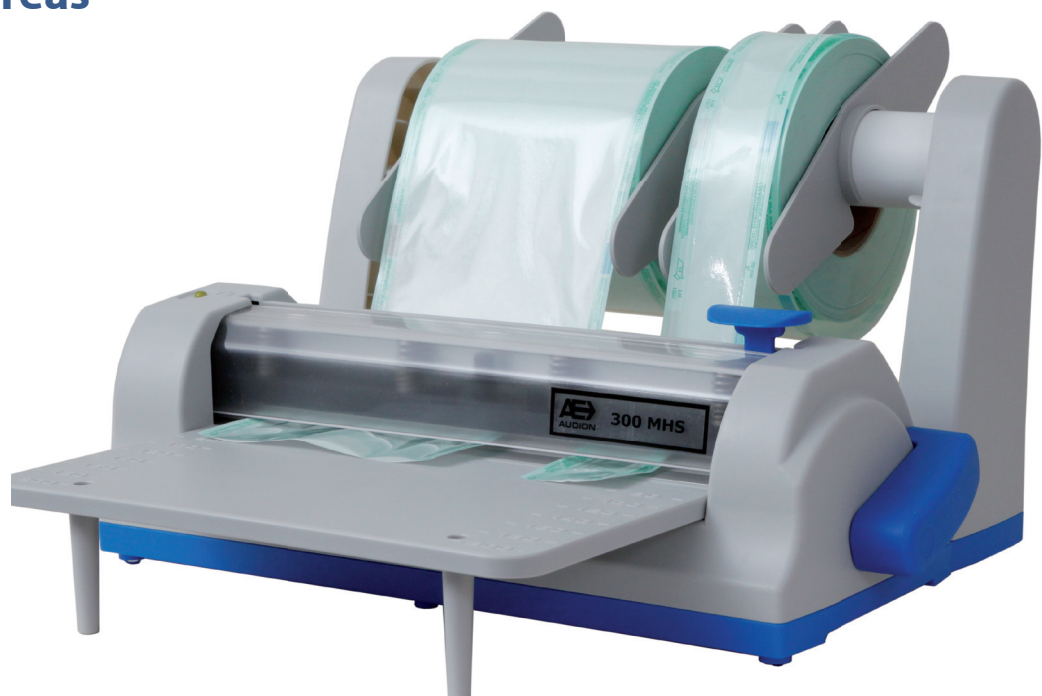
- Compact table top machine, easy to use
- Perfect seals without the risk of burns due to overheating
- 12mm flat seal in just 4 seconds
- Can accommodate a larger selection of rolls width
- Light and acoustic signal
- No temperature adjustment is needed
- Integrated work table

## 300 MHS specifications

- Seal width: 12 mm flat
- Seal length: 300 mm
- Single heated on top, **fixed** temperature
- Manual operated knife
- Buzzer to indicate end of seal time, to indicate seal bar closed permanent
- 2 colour led indicator (red is error, green is ok)
- Fixed film reel holder
- Standards: EN-ISO 12100-1/2, EN-IEC 60204-1, EB-ISO 13732-1, EN-ISO 11607-1, DIN 58953-7
- IP 20, class 1
- Power: 230V-1phase-50 Hz

## Application areas

- Dental practice
- Medicine practice
- Surgeries
- Laboratories
- Veterinary



# APT-100 Peel Tester

APT-100 is a device for measuring tensile strength of seals made with various packaging material, including medical bags. This device is built in accordance with the ASTM F88-00 regulation. The device clamps a specimen and pulls the seal apart, measuring the tensile strength with loadcell 100 times per second. The data's can be transferred to PC and printed out as peel test report for one of your validation processes.

## Technical features

- Maximum measuring force : 100N
- Measuring unit : N, Kgf, Lbf
- Sampling : 100 point/sec.
- Increments : 0.1N
- Measuring accuracy : +/- 0.4% of full scale
- Data transfer interface : USB cable
- Operating temperature range : +5 - 40 °C
- Operating humidity range : 30-80%RH
- Operator/Administrator registration
- Number of testing pattern memory : 5



APT-100 Peel Tester

## Specifications

- Power supply : AC 100 - 240V, 1 phase, 50/60 Hz.
- Power consumption : 9 W
- Machine size : 360x260x195mm
- Machine weight : Approx. 8kg

# ATM

## Accurate temperature measurement

In order to facilitate your validation process, we developed the ATM. With this sophisticated device, you can measure the temperature between the sealing wires and calibrate the machine in accordance with the measured values.

Accordingly to validation processes, the seal temperature needs to be calibrated after changing a sealing wire in the machine. With the Audion ATM device this will now be a very easy operation to do.

The ATM can be used for our **MEDSEALERS MSID(V)** and for the **Power Sealers** in MED version.

## Features

- Digital display
- Calibration certificate
- Hard carry case



Peel Test Report

Report name : 10112011-115526 Peel tester : APT-100 Date : 10/12/2011  
 Reporter : Michiel Serial number : 1000210E8008  
 Sealer model : D 773 MFCB Calibration date : 28/06/11 (commy)  
 Sealer serial no. : 0724566766  
 Seal temp (°C) : 160  
 Specimen material : Medical bag ABC  
 Specimen width : 150mm  
 Remarks :

Test result chart

Unsuccessful test data

Test no.	Test date	Material	Pass or Fail	Test force (N)	Speed (mm/min)	Upper limit	Lower limit	Operator
1	10/12/11	8.6	PASS	25	200	0.3	1.5	OPERATOR
2	10/12/11	7.2	PASS	25	200	0.3	1.5	OPERATOR
3	10/12/11	8.8	PASS	25	200	0.3	1.5	OPERATOR
4	10/12/11	8.8	PASS	25	200	0.3	1.5	OPERATOR
5	10/12/11	7.0	PASS	25	200	0.3	1.5	OPERATOR
6	10/12/11	2.2	PASS	25	200	0.0	1.0	OPERATOR
7	10/12/11	8.2	FAIL	25	200	0.3	1.5	OPERATOR
8	10/12/11	1.9	PASS	25	200	0.3	1.5	OPERATOR
9	10/12/11	2.7	PASS	25	200	0.3	1.5	OPERATOR
10	10/12/11	1.4	FAIL	25	200	0.3	1.5	OPERATOR

Peel Test Report

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