



AUDION

Packaging Machines

Together we make the perfect package

Medseal

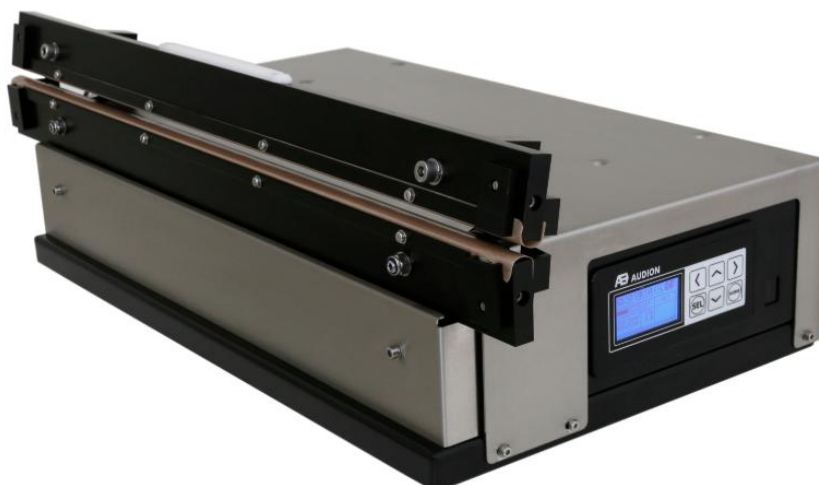
**Validatable
Impulse Sealer**

**462 MSIDV
612 MSIDV**

**Equipped with:
ATC + ALK
Version 1.02_00**

**Technical
Specification Sheet**

Rev.00



General specifications		
Type of machine	Validatable impulse sealer	
Models	462 MSIDV	612 MSIDV
Machine dimensions WxDxH	560 x 360 x 235 mm	710 x 360 x 235 mm
Weight	30 kg	37 kg
Seal length	460 mm	610 mm
Seal width	8 mm	
Seal system	Bi-active seal, flat seal	
Control system	Audion Temperature Controller (ATC) + Audion LCD Keypanel (ALK)	
Covering	Stainless steel (AISI 304)	
Knife	Optional	
Type of film	PP (Polypropylene), PE (Polyethylene), Paper-PP, Medical Pouches	
Film thickness	Min. 2x20 micron / Max. 2x200 micron	
Power supply	115 V – 1ph – 50/60Hz 230 V – 1ph – 50/60Hz	
Power consumption (max.)	2500 W	3200 W
Noise level	≤ 80 (dB(A))	

Dimensions	
164mm 360mm MSI(DV)(K) 243mm MSI(DV) 235mm	460 MSI(DV)(K) 560mm 611 MSI(DV)(K) 710mm

Audion Temperature Controller (ATC)



Audion LCD Keypanel (ALK)



Technical specifications		
Recipe	Storage	10 recipes
Process parameters	Seal temperature Setting range Tolerance range Accuracy	100 – 200 °C 0 – 20 °C (default 5 °C) +/- 3°C or +/- 2% (whichever is larger)
	Seal time Setting range	0.8 – 10.0 sec.
	Seal force Setting range	600 – 1500 N
	Cooling temperature Setting range	50 – 150 °C
Adjustable parameters	Fine tuning for calibration	Seal temperature Seal force
Validation functions	Parameter monitoring (alarm stop)	Seal temperature Seal force
	Data logging (.csv file through USB stick)	Date/time Seal ID Parameters results Pass/fail Alarm code
System & functions	Login level	Operator Supervisor (password access) Administrator (password access)
	Language	English
	Counter	Bag counter (resettable) Machine counter (non-resettable)

Data logging file									
	A	B	C	D	E	F	G	H	I
	Seal ID	Date & time [YYYY-MM-DD hh:mm:ss]	Seal temp. setpoint [deg C]	Seal temp. result [deg C]	Seal time [sec.]	Seal force [N]	Cool temp [deg C]	Pass/Fail	Alarm
1	2750	2025-06-02 15:18	120	120,2	2	899	90	Pass	
2	2751	2025-06-02 15:18	120	120,4	2	904	90	Pass	
3	2752	2025-06-02 15:19	120		0,5	924		Fail	31
4	2753	2025-06-02 15:22	150	150,1	2	902	90	Pass	
5	2754	2025-06-02 15:23	150	150,2	2	903	90	Pass	
6	2755	2025-06-02 15:23	150	150,2	2	899	90	Pass	

Options	Codes	Descriptions
Cutting	CD	Knife with cutting device and roll holder
Alternate voltage configuration	115V	Machine in 115V version

Accessories / Services	Codes	Descriptions
Work table	OT 460 MSI S	Work table in stainless steel for both 462 / 612 MSIDV
Foot pedal	140-90068	Foot pedal
Parameter verification	ATM	Seal temperature verification set
	AFMR	Seal force verification set
Calibration	CAL	Audion factory calibration for seal temperature and seal force
IQ/OQ Check	IQ/OQ VAL	1 x IQ check for 1 machine > Operation training (max. 4 persons) > Maintenance training (max. 4 persons) OQ check for 1 type of bag > Peel test for defining seal temperature > Peel test with defined seal temperature > Dye penetration test > Seal check
	OQC	Extra OQ check for each extra bag
Seal integrity test	SIT	Seal integrity test service > Peel test > Dye penetration test > Seal check
	APT 100	Peel tester
	ASC SHEET	Seal check sheet
	ASC ROLL	Seal check sheet in roll
	ASC INK-B	Blue ink for dye penetration test

Measuring instruments for parameter verification

Seal temperature



ATM

- Measurement range: -50°C to 260°C
- Resolution: 0,1°C (up to 199,9°C) / 1 °C (above 200°C)
- Accuracy display unit: 0.3% of reading + 1°C
- Accuracy sensor: +/- 2,2 °C or +/- 0,3% of measurement (whichever is larger)
- Measuring rate: 2,5 per second
- Minimum and maximum values readable
- Operating conditions: +5 ... 50 °C, 30 – 70% RH (non-condensing)
- Power supply: 9V battery
- Battery life: +/- 100 hours
- Dimensions: 63 (W) x 186mm (L) x 40mm (D)
- Weight: 350 grams

Seal force



AFMR

- Measurement range: max. 2000 N
- Resolution: 0,1 N
- Accuracy class: 0,5 %
- Operating temperature range: -10 ... +50 °C
- Max. Overload: 120%
- Measuring rate: 50 per second
- Power supply: 3x AA batteries
- Battery life: +/- 40 hours
- Environmental protection: IP 54
- Dimensions: 82mm (W) x 162mm (L) x 54mm (D)
- Weight: 670 grams (excluding mounting tools)