



# AUDION

## Packaging Machines

*Together we make the perfect package*

### **Power Sealer TC**

**Temperature Controlled  
(Vacuum) Impulse Sealer**

**(VAC) PSR TC**

**Equipped with:  
ATC + ALK  
Version 1.01\_01**

**Technical  
Specification Sheet**

Rev.00

General specifications			
Type of machine	Temperature controlled impulse sealer (PSR TC) Temperature controlled vacuum impulse sealer (VAC PSR TC)		
Models	520	720	1020
Machine dimensions WxDxH	615 x 512 x 257 mm	815 x 512 x 257 mm	1115 x 512 x 257 mm
Weight	40 kg	45 kg	47 kg
Seal length	520 mm	720 mm	1020 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		
Power supply	115 V – 1ph – 50/60Hz 230 V – 1ph – 50/60Hz		
Power consumption	2500 W	3000 W	2600 W
Pneumatic supply	0.6 MPa (min) – 1.0 MPa (max)		
Noise level	≤ 85 (dB(A))		



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	0.0 – 10.0 sec.
	Cooling temperature Setting range	50 – 150 °C
Adjustable parameters	Fine tuning for calibration	Seal temperature
Parameter monitoring	Alarm beyond tolerance	Seal temperature
System & functions	Login level	Operator Supervisor (password access) Administrator (password access)
	Language	English
	Counter	Bag counter (resettable) Machine counter (non-resettable)



Audion Temperature Controller  
(ATC)



Audion LCD Keypanel  
(ALK)

Options	Codes	Descriptions
Support	SP PSR	Support in stainless steel 520 – 720 – 1020 models
	WPW	White polyamide wheels for cleanroom for SP PSR (instead of the standard grey wheels)
	RB	Roller conveyor in stainless steel for SP PSR
	SPM-CONF	Motorized support in stainless steel for 520 – 720 – 1020 models (controlled by button on frame)
	PSR SPM WL EP	Wider legs to place the support legs around euro pallet Additional option for SPM-CONF
Bag support	BSP	Bag support in stainless steel for 520 – 720 – 1020 models Additional option for SP PSR / SPM-CONF
	BSPM	Motorized bag support in stainless steel for 720 – 1020 models Additional option for SPM-CONF
Work table	WT	Work table in stainless steel, attached to machine
Sealing wire	5MM SW	5 mm seal (instead of standard 8 mm)
Cutting	CD	Cutting device - effective cutting length: 520 model: 440 mm 720 model: 440 mm 1020 model: 440 mm
Nozzles	WNOZ (*)	Wide vacuum nozzle (85 mm wide)
	ANOZ (*)	Adjustable nozzle in 2 positions (ENOZ included, 20mm wide, 45mm longer than standard)
Vacuum	HVT (*)	20m3 Venturi pump
	MVFR (*)	Manual vacuum flow regulator on VAC PSR TC models
	VSF (*)	Vacuum skip
External air exhaust	PSR EXH COMP (*)	Discharge of used compressed air outside of machine (valves, air cylinders + Venturi pump)
	PSR EXH IST	Discharge of used compressed air outside of machine (valves and air cylinders)
Bag stretching	BST	Bag stretchers for 720 – 1020 models
	BST A WNOZ	Adjustment for BST in combination with WNOZ (wide nozzle)
Foot pedal	PFP	Pneumatic foot operation
	FME S	Electrical foot operation with stainless steel protection cover
Special construction	ESD	Electro-static discharge construction
	SILA	Silicone poor construction
	PES (*)	Particle ejection system (clears the vacuum lines of debris after every vacuum cycle)
	TFC	Thick film configuration
	115V	115V - 1P - 50/60Hz version
Filter	PF (*)	Powder Filter (density 80 microns)
	QCS (*)	Quick cleaning system for powder filter
	WS (*)	Water separator: for separating liquids in the filter (when liquids are sucked up during vacuuming)
Wooden case for oversea transport protection	8001PSRTC520	For 520 model
	8001PSRTC720	For 720 model
	8001PSRTC1020	For 1020 model

(\*) These options are only available for vacuum models.

Power cables	Codes	Descriptions
Power cables	PCUK	Power cable for UK
	PCCH	Power cable for Switzerland
	PCUS	Power cable for USA / Japan
	PCCN	Power cable for China

Accessories / Services	Codes	Descriptions
Parameter verification	ATM	Seal temperature verification set
Calibration	KAL	Audion factory calibration for seal temperature
Tests	FAT	Factory Acceptance Test conducted to determine if the CRS are met.
	FSTP	In our factory, a test is performed with the customer's film(s) to program the machine with the most appropriate settings for optimal packaging quality and seal integrity.
	SIT	Seal integrity test performed by Audion service department. Includes: Peel test, Dye penetration test and Seal check (Price per hour)
Test kit	ASC SHEET	Audion seal check sheet, box 100 units, 175 mm x 75 mm
	ASC ROLL	Audion seal check on roll, 50m x 75 mm
	ASC INK-B	Audion seal check blue ink, bottle with pipette, 50 ml

### 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