

	MEDIPACKER TS 3535	MEDIPACKER TS 5035	MEDIPACKER TS 7035
Width	470 mm	620 mm	840 mm
Length	420 mm (with guide Bars 710 mm)	420 mm (with guide Bars 710 mm)	940 mm (with guide Bars 710 mm)
Height	660 mm	660 mm	890 mm
Weight	112 kg without tools	135 kg without tools	225 kg without tools
Seal surface	350 x 350 mm Max. depth of Blister 105 mm	350 x 500 mm Max. depth of Blister 105 mm	350 x 700 mm Max. depth of Blister 135 mm



Design	rust-free INOX construction, Aluminium parts anodized
Seal temperature	Digitally programmable up to max. 190°C feedback control accuracy at 130°C = ± 1.0°C measured at the hotplate PID feedback control system
Seal force	Programmable via touch screen from 6 kN to 36 kN (up to 54 kN as an option for the models 5035 and 7035) Adjustable in 1 kN steps Repetition accuracy within 0.5 kN
Seal time	Programmable from approx. 1.0 to 9.9 seconds each 0.1 second adjustable repetition accuracy better than 0.15s
Output	Approx. 8 Cycles / Minute, without placing and removal of Trays
Compressed air	0,6 Mpa / 6 bar, tube outside 12 mm, tube length 3 m
Connection	Compressed air must be supplied filtered and dry
Compressed air	The consumption per cycle at 16,5 NL to 0,5 MPa
Power supply	230 VPNE 50/60 Hz, max. 2300 VA / MEDIPACKER TS 7035; 3 x 400 V, 50 Hz, max. 4100 VA
Options	Roll-table, Interface for printer, tool identification, Qualification of the system, Blister depth of 150 mm, Automatic drawer for TS 5035 and 7035
Warranty	Two years on the Sealing Press – not including wearing parts (seal rubbers and pins) Transportation and travelling charged at cost

MEDIPACKER TS

Heat-sealing machine for medical blister

Qualifiable to the requirements of the FDA and GMP (DQ/IQ/OQ/PQ)

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Certified to ISO 9001:2000
and ISO 13485:2003

Technical subject to change

MEDIPACKER TS

This table model, with its compact and durable design, has been specially developed for the medical industry and use in clean room areas. The three process parameters Time, Pressure and Temperature are regulated to the tightest tolerances so that the result is a high quality package.



Seal tools: seal rubbers and feather/spring pins are exchangeable as spare parts

Fast tool change, approximately 5 minutes

Working mode

- 1 Place filled blister in the holding tool.
- 2 Place die-cut lid between the centre pins on top of the blister.
- 3 Slide the carriage to the closed position.
- 4 The sealing cycle is released automatically when the sealing carriage actuates the micro-switch.
- 5 Slide the carriage to the start/open position.

The MEDIPACKER TS is a universal heat-sealing machine with highest level of control for sealing preformed Trays (blisters) with die-cut lids made of Tyvek®, Medical paper or compound foil

Highlights of the MEDIPACKER TS

- Easy programming of the seal parameters using the Touch Screen.
- Actual and desired values of the seal parameters are shown on the display not only as a value but also as a bar graph.
- The sealing time starts right after reaching the nominal force and not before; passed sealing time is shown.
- When the Medipacker TS is ready to seal the display becomes green.
- The Touch Screen can be locked with a numeric code.
- The exhaust air is collected and filtered for use in clean rooms down to class 100.
- The production data can be printed out over an interface (option).
- Fast tool change, approximately 5 minutes.
- Qualification of the machine in accordance with the requirements of the FDA/GMP (option).
- All 3 parameters (Time/Pressure/Temperature) can be calibrated.

Sealing Tools

- The sealing tools are manufactured from aluminum and consist of a lower plate (Nest) and a seal plate.
- The amount of blisters sealed per operation depends not only on the size of the packing, but on the entire seal surface and the maximum seal pressure (in Newton), which is available on the packaging machine.
- The tools are designed and milled using a CAD/CAM package.
- The anodized receiving plate (Nest) is equipped with grooves into which the specially developed silicone profile (different standard sizes) is fitted. The customer can replace the seal rubbers themselves as and when necessary.
- The seal plates have a scratchproof, non-adhesive coating.
- The feather/spring pins are completely made of INOX and are exchangeable as spare parts.
- Optimal process parameters are tested. Additional Peel and Burst tests can be provided upon request.

Qualification

When conducting a qualification of the heat-sealing machine MEDIPACKER TS we provide a file which contains following documents:

- Qualification plan
- Offer with Brochure
- Inspection report DQ/OQ
- Calibration of Sealing Pressure, Temperature and Time (OQ)
- Performance qualification of each Sealing tool (PQ) inclusive hard copies of the Peel Strength Measurements
- Recommended Sealing Parameters
- Deficiencies List from the Qualification
- Certificates of the Pressure, Temperature and the Time measuring instruments
- Operation Instruction
- Conformity explanation
- Drawings of the Sealing tools
- Final report
- Log book



Packaging Validation

A qualified machine with the sealing tools (IQ, OQ, PQ) is a basic for validating. The qualification report is a component of the validating report.

Seal statistic can be printed via printer, bluetooth or PC (option)

