

Patch Development Machine R550 TTS for Transdermal Patches

The standard R550 machine can be easily up-graded with all necessary components and devices for the development of Transdermal patches either Matrix or Reservoir type patches. The same machine can also be used to produce high quality blister packaging from flexible foils.

All tools are plug-in with all utilities automatically connect by the docking stations, which provide for a fast and easy tool exchange. All standard size patches (also blisters & sachets) can be produced manually due to the large available forming area of 184 x 119 mm.

All process dependent parameters, force, temperature and time are set up on the HMI touch-screen panel, which provides the operator with a fast and efficient packaging development tool, with results compatible with production machines.

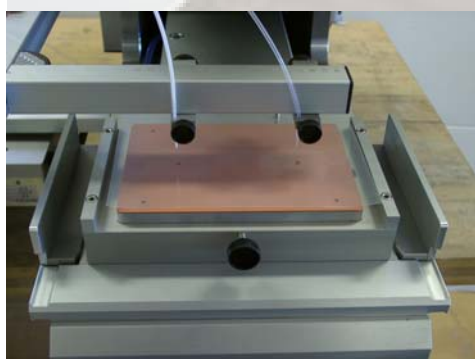
Various special features are available optionally to simplify and provide safe operation with operator protection.

These include, the pull-out sliding table for lower basic-tools, and the unique combined Sealing & Punch cutting tool which attribute to the customer's added value.



Depending on the customer's requirements, either a R550 PRO (GMP version) STD or SERVO will be chosen to suite the customer's application.

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Flexibility / benefits

- meets GMP requirements
- fast set-up times
- automatic tool recognition and program choice system
- user-friendly parameter input
- fast format-tool change over time
- can be extended for:
 - blister development
 - stripe-blister development
 - special applications
- quick and easy clean down
- guaranteed optimal repeatability

Options

The following additional options can be easily adapted to the R550 TTS machine:

- sliding lower tool table for easy and ergonomic handling
- foil unwinding station and web cutting device
- liquid dosing system for Reservoir patches
- template positioning system for Patches & Sachets

Je nach Kundenwunsch und Entwicklungsanforderung können die benötigten Technologien und Module integriert, oder ergonomisch optimal angeordnet werden.

Technical Data

	R550	R550-Pro	R550-Servo
Output	according to the number of process Steps (approx. 10-15 sec/step))		
Max forming area	184 x 119mm	184 x 119mm	184 x 119mm
Closing force	24..46kN / by 6 bar	24..45kN / by 6 bar	50 kN
Drive	Hydro/Pneumatic	Hydro/Pneumatic	Servo
Dimensions	750 x 670 x 1100	750 x 670 x 1100	750 x 670 x 1200

General Info :

Films /
Weight : Vary depending on application Matrix or Reservoir
300 kg