

# HSX-650

## Medical Heat Sealer

TOUCH SCREEN PRECISION MEDICAL HEAT SEALER FOR REPEATABLE HIGH QUALITY HEAT SEALS AND DETERMINATION OF HEAT SEAL THRESHOLD.

PRODUCES SEALS 5 TO 25MM WIDE AND UP TO 650MM LONG.



### Benefits:

- Choose heat sealing bar configuration, either single (upper) or dual (upper & lower, meets ASTM F2029)
- Sealing bar can be specified to suit various surface areas or surface finishes
- Accurate and repeatable seals due to precision ground sealing faces and advanced jaw guidance system
- Versatile applications for flexible materials, porous and non-porous films, foils and blister packs
- Low Maintenance - 12 months between calibrations



Settings screen for all control parameters



Temperature and pressure calibration screen

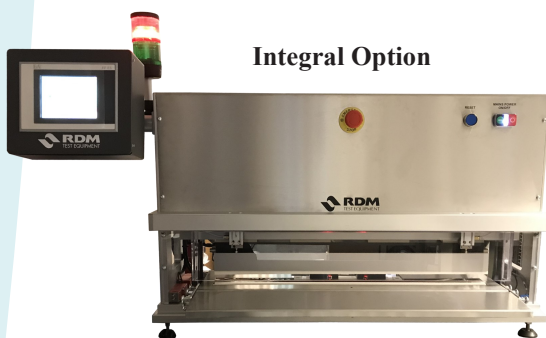
### Features:

- 5.7" touch screen controller for precise control of temperature, pressure and dwell time
- Memory recipe function for quick and accurate recall of settings
- Precise pressure calibration of standard surface area jaw face
- Jaws constructed in aluminium and silicon with precision ground faces
- Range of jaw face surfaces including Matched Crimp and Teflon Coating
- Auto cycle feature for greater user convenience and cycle counter



## Specification

<b>Models</b>	HSX-650 SingleProd - Upper jaw temperature controlled HSX-650 DualProd - Upper & Lower jaw temperature controlled
<b>Seal Width</b>	Up to 650 mm max.
<b>Controller</b>	5.7" Touch Screen TFT LCD 320 x 240 colour display. IP56 rated. Stores up to 20 sealing recipes. Password protection. Optical pack in place sensors. Auto, touchscreen or optional footswitch operation.
<b>Temperature Control</b>	Range: Ambient to 300°C, Accuracy: +/- 0.5%, Operating Accuracy: +/- 2°C. User definable alarm for over/under set level.
<b>Pressure</b>	Range: 0 to 100psi (6.8bar, 689Kpa), via electronic pneumatic E/P regulator. Accuracy +/-1%. User definable alarm for over/under set level. Supply via clean and dry compressed airline or bottled air/nitrogen at 75 to 115psi
<b>Dwell Time</b>	Range: 0.1 to 99.9 sec., Resolution 0.1 sec
<b>Auto Cycle &amp; Delay Time</b>	Delay Time Range: 0.1 to 99.9 sec Auto Cycle incorporates 'Pack-in-place' sensors for automatic cycling of sealing bars used in manual production environments, and assists with correct alignment of sample.
<b>Jaw Guidance System</b>	Advanced jaw guidance system guarantees even closure, resulting in consistently high quality seals.
<b>Pre-Heat Cycle</b>	User definable variable time interval, electronic processor controlled.
<b>Cycle Counter</b>	Electronic counter for seals completed.
<b>Sealing Jaws</b>	Standard flat jaws 25mm x 650mm, constructed in aluminium with precision ground face. Lower sealing jaw with precision ground silicone rubber face. (See options below)
<b>Environment</b>	5-50C ambient operating temperature, RH 75% max (non-condensing)
<b>Power</b>	240V AC 50/60 Hz (110V AC available on request)



Integral Option



Separate Control Console

## Options

- Sealing jaw dimension/profile as required
- Teflon Coated Tape or Teflon Coated Jaws
- Vacuum and/or gas flushing of packs
- Guillotine cutter
- Integral or separate control console (photos show both versions)
- Validation documentation / service

