



## HSX-400 Medical Heat Sealer

Touch screen precision Medical Heat Sealer for repeatable high quality heat seals in medical packaging. Validation to ISO 11607. Produces seals 10mm wide and up to 400mm 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

### 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 silicone 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.



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## Specification

### Models

HSX-400 SingleMed—Upper jaw temperature controlled.

HSX-400 DualMed—Upper & Lower jaw temperature controlled.

### Seal Width and Length

Standard 10mm width, custom sizes available. Length 400 mm, custom sizes available.

### Controller

5.7" Touch Screen TFT LCD 320 x 240 colour display. IP56 rated. Stores up to 10 sealing recipes. Password protection. Optical pack in place sensors. Auto, touch screen or optional footswitch operation.

### Temperature Control

Range: Ambient to 300°C,  
Accuracy: +/- 0.5%, Operating  
Accuracy: +/- 2°C. User definable  
alarm for over/under set level.

### Pressure

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.

### Dwell Time

Range: 0.1 to 99.9 sec. Resolution 0.1  
sec.

### Auto Cycle & Delay Time

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.

### Jaw Guidance System

Advanced jaw guidance system  
guarantees even closure, resulting in  
consistently high quality seals.

### Pre-Heat Cycle

User definable variable time interval,  
electronic processor controlled.

### Cycle Counter

Electronic counter for seals  
completed.

### Sealing Jaws

Standard flat jaws 10mm x 400mm,  
constructed in aluminium with  
precision ground face. Lower sealing  
jaw with precision ground silicone  
rubber face. (See options below).

### Environment

5-50°C ambient operating tempera-  
ture, RH 75% max (non-condensing).

### Power

240V AC 50/60 Hz (110V AC available  
on request).

### Options

Sealing jaw dimension/profile as  
required (inc. Matched crimp 120° x  
1.8mm pitch).  
Teflon Coated Tape or Teflon Coated  
Jaws.  
Vacuum and/or gas flushing of packs.  
Guillotine cutter.  
Integral or separate control console.  
Validation documentation / service.



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