

# A Cut Above



**Extraordinary Precision in Your Hands**

The Hemostatix Thermal Scalpel System offers exact temperature control ranging from 70° to 300° C at the push of a button. This allows you to precisely heat the razor-sharp, non-stick blade of the Shaw Scalpel to seal sensitive tissues with a thin collagenous layer, which aids in reducing blood loss by up to 60 percent.

To quickly achieve maximum hemostasis, simply press the COAG bar on the handle and the unit automatically jumps to 300° C. The instrument's temperature can also quickly and easily be adjusted by the surgeon, in increments of 10° C, based on hemostasis requirements. The system's control unit constantly monitors and adjusts the power required to maintain the blade at the set temperature.

*The large LCD display indicates the blade's current temperature, which eliminates the guess-work associated with wattage or power settings used with electrosurgical devices.*



*The revolutionary Shaw Scalpel offers the precision of a cold scalpel with simultaneous hemostasis, maintaining the true tactile feedback necessary when dissecting around key anatomical structures.*

The Shaw Scalpel can be used cold; however, once heated, it quickly seals blood vessels along incisions, limiting tissue trauma and minimizing the risks of edema and infection. It can cut time in the operating room by as much as 20 percent by creating a cleaner, drier working field, increasing visibility and removing the distractions of instrument exchanges associated with sponges, suction and clamps.

Reduced blood loss means less requirement of blood transfusion, as well as limited exposure of operating room staff to blood-borne pathogens like H.I.V. and hepatitis.

Unlike conventional diathermy instruments, the Hemostatix Thermal Scalpel System requires no laser beam eye protection and no evacuation of plume to eliminate hazardous smoke inhalation.

*Ideal for use in cochlear implant procedures because no current passes through the patient during use.*

The Shaw Scalpel does not cause muscle stimulation nor does it create electrical arcs that can damage collateral tissues.

The Hemostatix Thermal Scalpel System monitors and controls the temperature of the blade within a narrow range, with the advanced circuitry of the control unit, increasing and decreasing heating power in response to the blade's contact with tissue and the surgeon's cutting speed.



The focal points for the Hemostatix Thermal Scalpel System are its smart composite blades, which are engineered with sensing and control micro-circuitry. Each blade is meticulously examined to ensure precision quality.



#10 Scalpel Blade



#12 Scalpel Blade



#15 Scalpel Blade

Please call 1-800-SCALPEL to speak with a Hemostatix Thermal Scalpel System representative.

For ordering information, please refer to the chart on the back cover of this booklet.

*New handle counter – reminds you when it's time to replace*

**NEW FEATURES INCLUDE:**

*New OR-Friendly Interface*

*RS232 Port - Easily accommodates new software upgrades*



As a part of Hemostatix commitment to provide you with the most OR efficient tools possible, we have developed the new PRECISION 8400 Controller Unit. Our new unit has several key features to help you utilize your Hemostatix Thermal Scalpel in the most efficient and effective manner:

## Intuitive Graphic Display

The new high-resolution LCD intuitive graphic display and clear audible tones on the Precision 8400 instantaneously communicates your most important system information to the Surgeon and OR Staff. This new interface provides the OR staff with more detailed, easy-to-understand instructions, clear alerts, and real-time intra-operative feedback to assist during surgery.

## Virtual Temperature Sensing (VTS)

Using advanced Virtual Temperature Sensing (VTS) Technology the Precision 8400 automatically and immediately calibrates, energizes, and maintains the scalpel blade within the desired temperature range--regardless of the type of tissue being incised.

## Smart Sensing Technology (SST)

The New P8400 controller incorporates state of the art Smart Sensing Technology (SST). This technology allows the controller to serialize each handle and blade without changing the successful and familiar controls of the handle. The unit is now able to identify each handle and advise the OR staff when a handle or blade replacement is required.

For more information on the new PRECISION 8400 Controller Unit contact your Hemostatix Medical Technologies sales representative or contact 1-800-SCALPEL.

## CATALOG INFORMATION

| Catalog No. | Description  |
|-------------|--|
| 70135710    | #10 Scalpel Blade for Precision 8400 Controller (24 per box) |
| 70135712    | #12 Scalpel Blade for Precision 8400 Controller (24 per box) |
| 70135715    | #15 Scalpel Blade for Precision 8400 Controller (24 per box) |
| 70138050    | Scalpel Handle for Precision 8400 Controller (1 per box)     |
| 70138400    | Precision 8400 Controller Unit                               |
| 70138410    | Optional Foot-pedal – Precision 8400 Controller              |

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**CAUTION: FEDERAL (U.S.A.) LAW RESTRICTS THIS DEVICE TO SALE BY OR ON THE ORDER OF A PHYSICIAN OR LICENSED PRACTITIONER**

**⚠️ REFER TO OPERATION MANUAL FOR INTENDED USE AND OTHER IMPORTANT INFORMATION**

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