

HocerMed **Surgical Energy** **Device Solutions for All Departments**



To Make Surgical Treatment Safer



Innovation Focus | Craftsmanship Excellence | Quality Beyond



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Official Website



HocerMed_OVERSEAS

*For Internal Reference Only

Depth Intelligent Tissue Monitoring



USG10-PLUS

Intelligent tissue monitoring technology, automatically adjust the energy output from the jaw in real time.

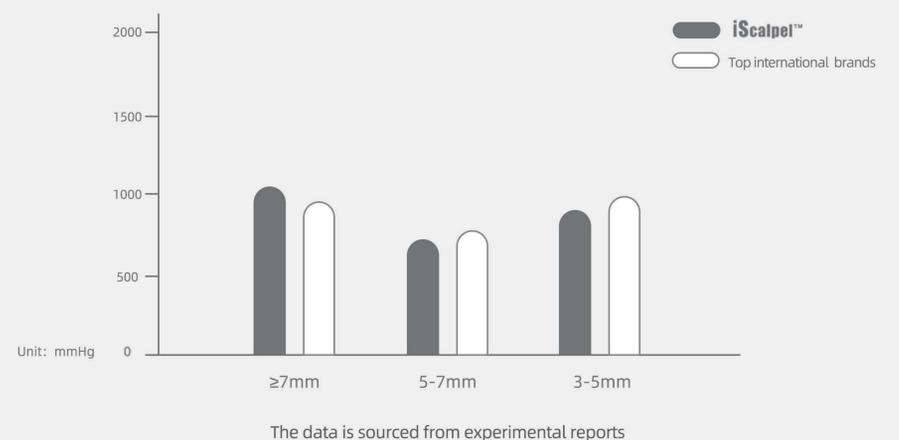
Ensure best performance of tissue cutting, vascular coagulation, and minimal thermal damage in dealing with different tissues or varying states within the same tissue, to make surgical procedure safe and efficient.

Efficient cutting

The cutting speed and coagulation performance of Hocermed ultrasonic scalpel show no significant difference compared to the top international brands.



Reliable coagulation



The DITM can precisely identify and process tissue

- When dealing with membranous tissues, it can achieve ultra-fast cutting, significantly improving cutting speed by 35% compared to other brands, greatly enhancing surgical efficiency.
- When dealing with large blood vessels, it can safely coagulate vessels up to 7mm in diameter.

Logically coherent and user friendly operation system

- Self-test and monitor after startup and automatically update system logs.
- Automatically identify the shear and record the number of used times and working status of the hand piece.

The integrated milling process shears, the more stable medium for energy transmission

More than ten types of shears in ten series including pistol style, scissors style, integrated style and other various styles can meet requirements of all surgeries

iScalpel™

Model	Length
USE 45	45cm
USE 36	36cm
USE 23	23cm
USE 14	14cm

USE 45



USE 36



USE 23



USE 14



- Balanced design at the tip of the scalpel for stable and reliable operation
- Embedded tissue pad design for solid and not prone to detachment
- Ergonomic handle design for comfortable grip
- Better performance for the hemostatic effect and minimized thermal damage



- Efficient energy conversion, remains cool during prolonged operation
- Autoclaved sterilization
- Suitable for use with sterile bag
- Soft and durable cable for knot resistance
- Hand piece is reusable up to 120 times



HP25/25G

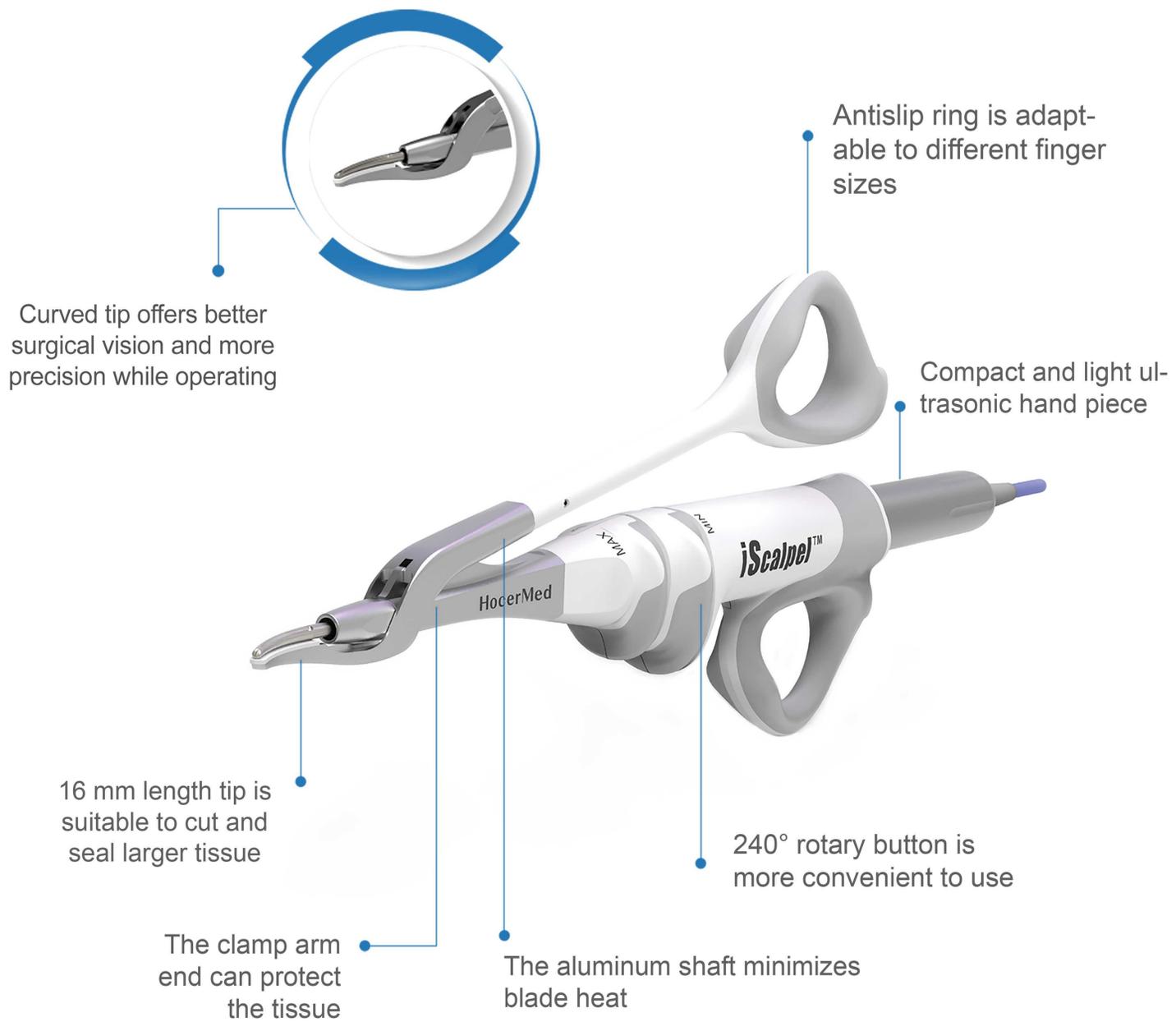


HP16

HOCERMED

USS Series Scissors Ultrasonic Scalpel

Excellent for both superficial and open surgeries



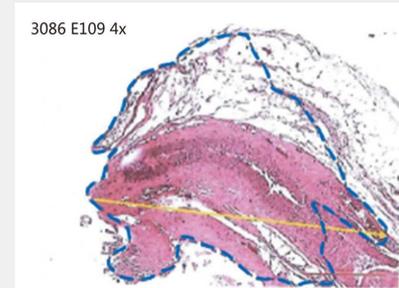
Ultra length USS17 Ultrasonic Scalpel



HP16 Hand piece

Extremely small thermal damage

- The working temperature of the USS Ultrasonic Scalpel is below 80°C. The thermal damage range is smaller than 0.8mm. (Temperature of High frequency knife and laser knife is around 350°C, the thermal damage range is smaller than 4.0 mm)
- No stimulation to nerve and muscle. Perfectly protected the recurrent laryngeal nerve, superior laryngeal nerve and parathyroid gland in thyroid surgery.
- No smoke, clear surgical field.



Tissue biopsy after surgery by using USS Ultrasonic Scalpel. (Blue line shows the thermal damage range after 400 times magnification. Yellow line shows the farthest distance of thermal damage)

Bloodless Operation

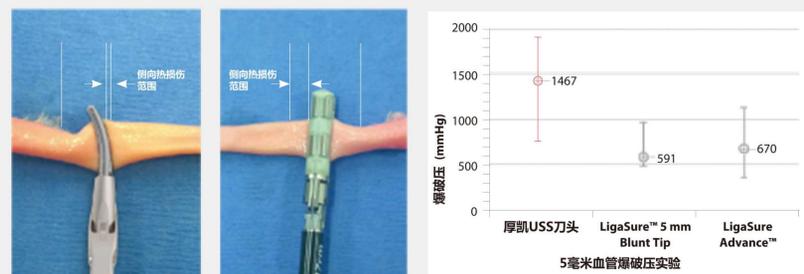
- Multiple use, significantly reduce the use of suture and hemostatic forceps
- Precise cutting and holding. No congelation on the tip.
- Significantly reduce the bleeding and drainage.



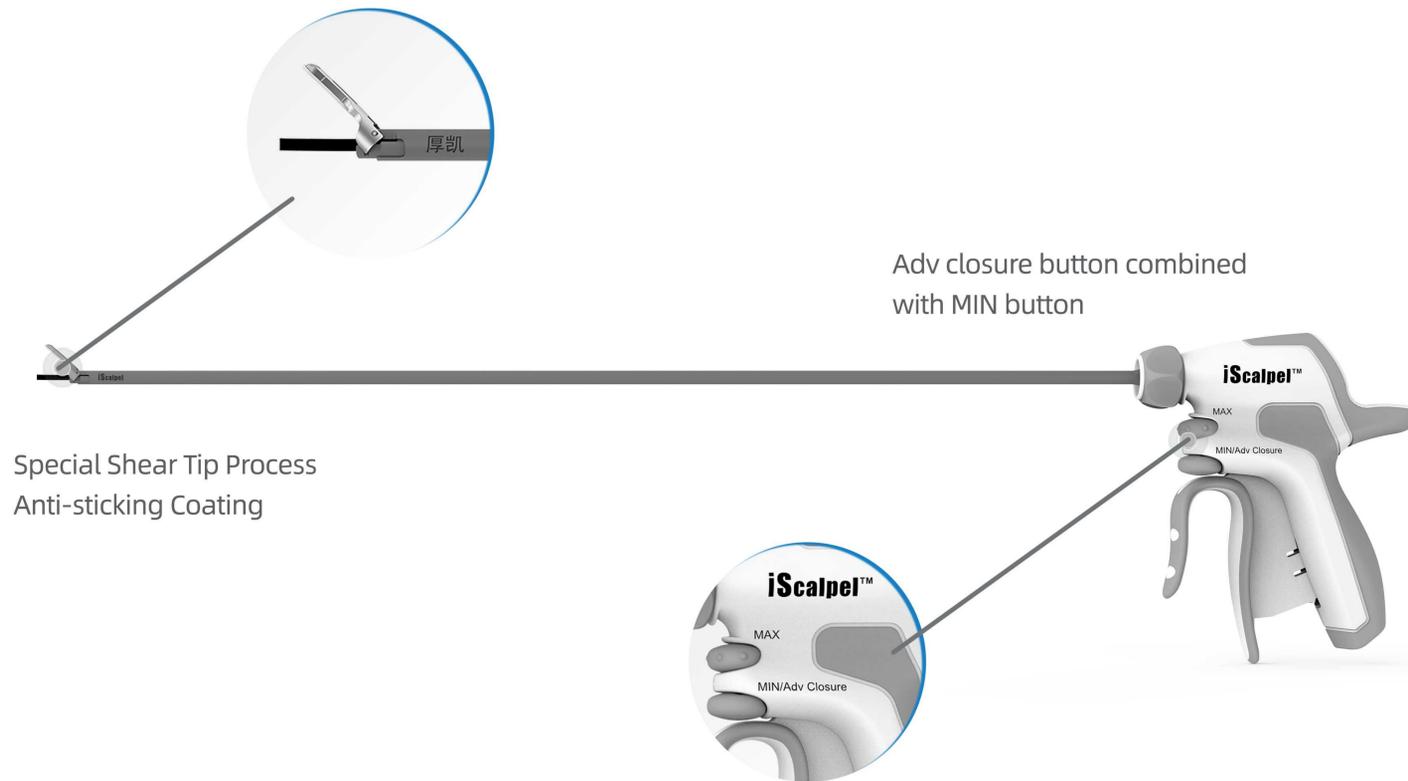
USS Ultrasonic Scalpel in bloodless thyroid surgery (Seal the inferior thyroid artery)

Safely seal large diameter vessels

- Blast pressure reaches to 1400 mmHg after closing the 5mm vessel by using USS knife.
- USS knife has passed America 510K Vessel Closure Test.



I HOC-HT7 Series- 7mm Advanced Congulation Shear



- 7mm large vascular coagulation
- Anti-sticking Coating blade
- Integrated milling process shears



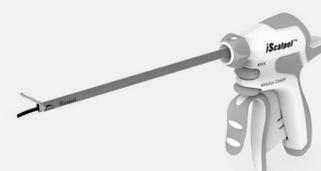
HOC-HT7 45



HOC-HT7 23



HOC-HT7 36



HOC-HT7 14

| HOC-OTG/OTP Series Ultrasonic Scalpel

- HOC-OG



Hooked Shear

- HOC-OP



Blade-type Shear

- HOC-OTG



Hooked Shear (with Coating)

- HOC-OTP



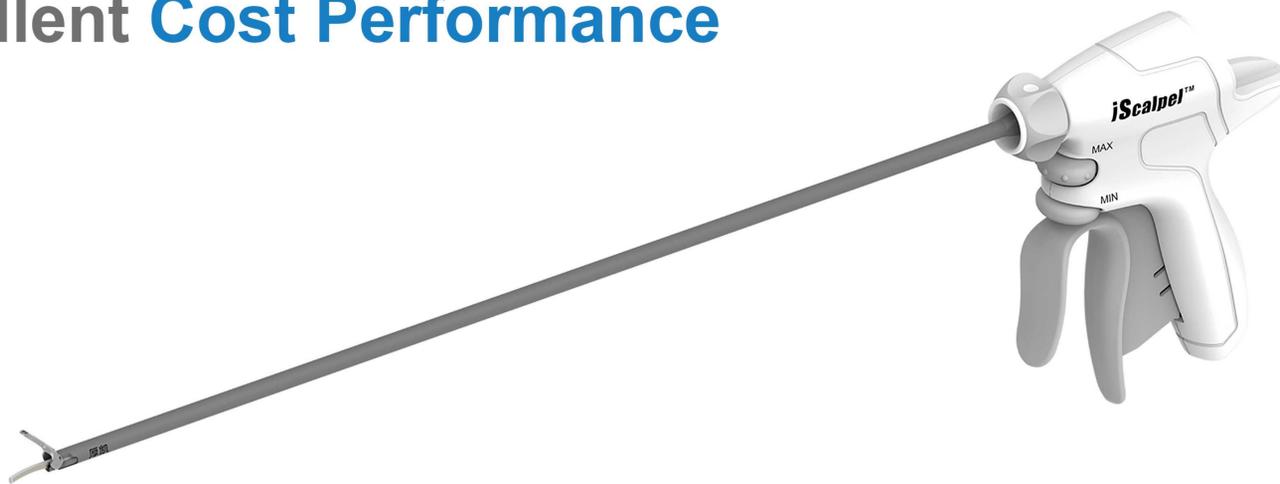
Blade-type Shear (with Coating)

| USR Series Ultrasonic Scalpel

- USR



Optimal Cost Control Excellent Cost Performance



HOC-3

1

Integrated milling process make sure the curved tip finer and more precise.

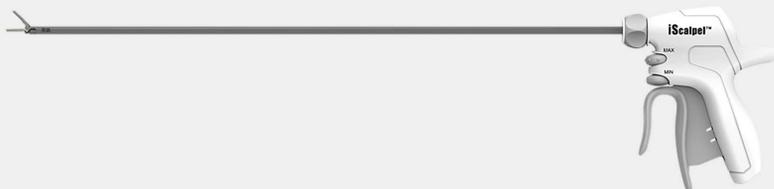
2

The atomic structure density is uniform, ensuring stable energy transmission medium.

3

Safely coagulate vessel in large diameter, to make surgical treatment safer.

| HOC-3 Series Ultrasonic Scalpel



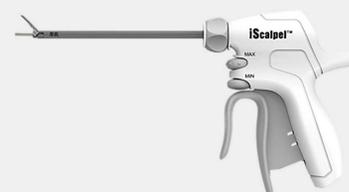
45cm



23cm



36cm



14cm

Depth intelligent tissue monitoring Perfect coagulation & cutting



1 Intelligent tissue monitoring technology, adjust the energy output from the jaw in real time.

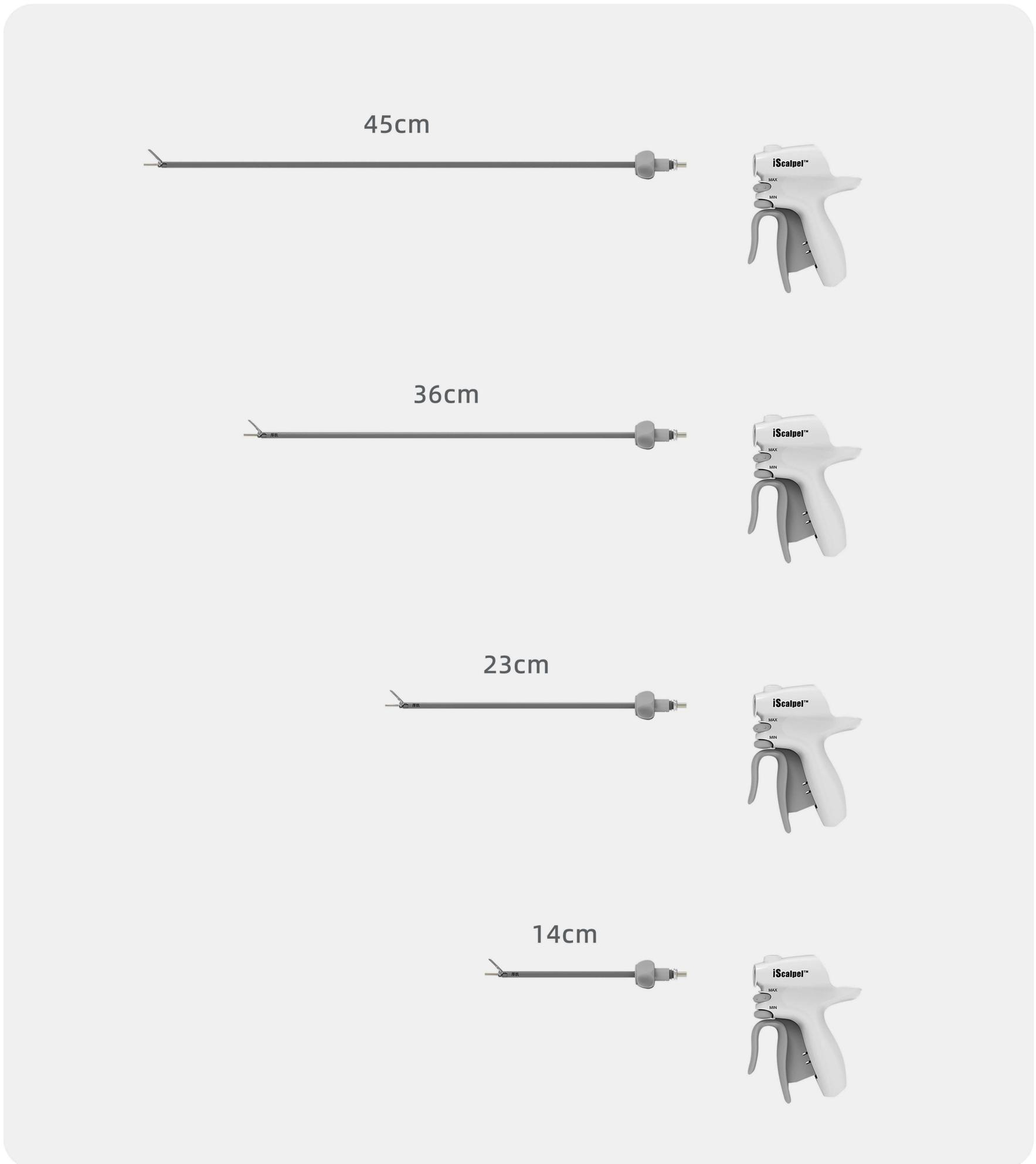
2 Milling process for integrated molding shears

3 The only Chinese medical device brand to participate in the establishment of association standards for ultrasonic scalpels

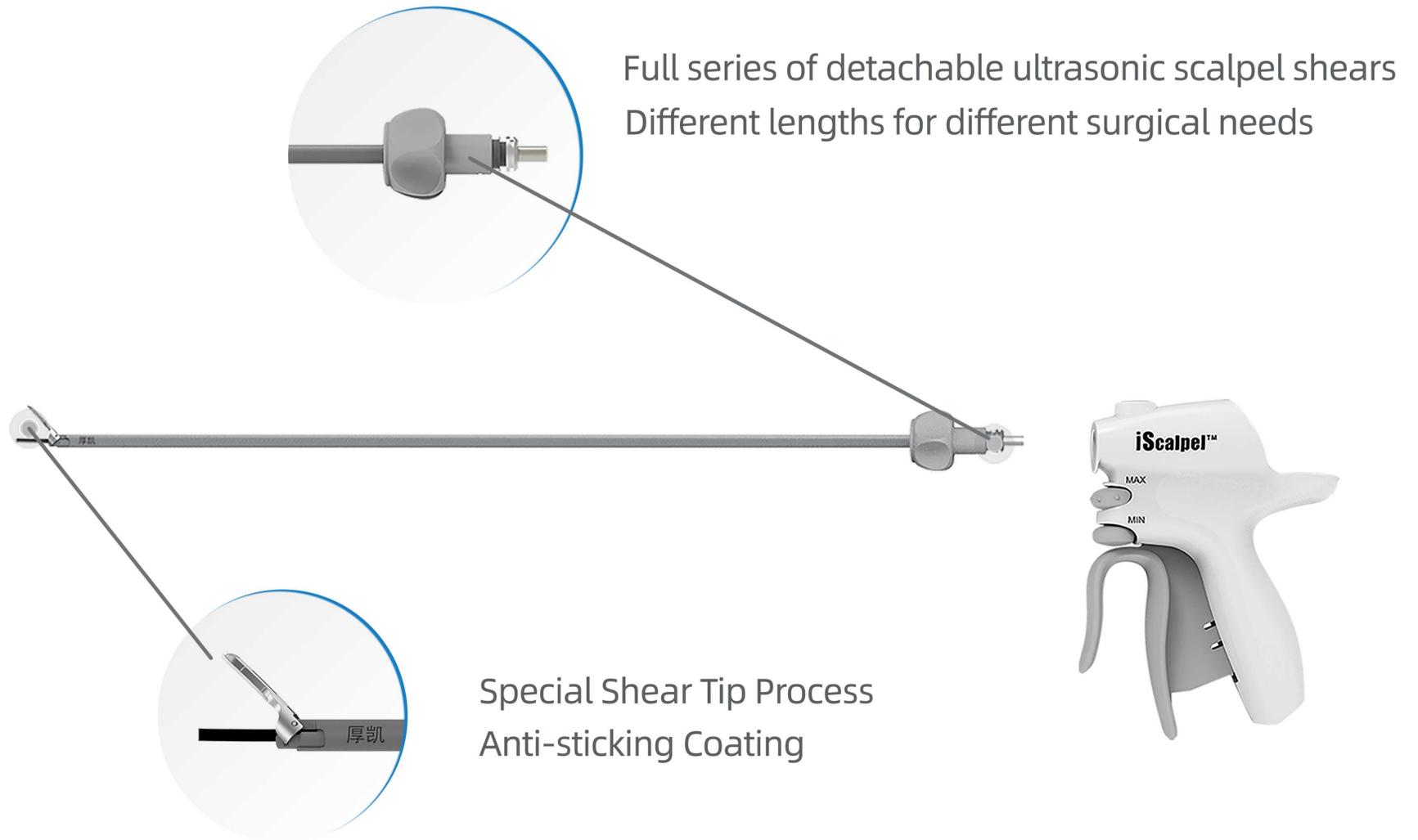
4 The first Chinese ultrasonic scalpel brand to successfully coagulate a 7mm blood vessel in animal experimental testing.

| HOC-C5、HOC-CT5 Series Ultrasonic Scalpel

- Full series of detachable ultrasonic scalpel shears
- Different lengths for different surgical needs



| HOC-C5、HOC-CT5 Series Ultrasonic Scalpel



HOC Full series are available in coating configuration