

What are the square energy storage plastic surgery equipment





Overview

What is a surgical energy device?

During surgery, instruments that emit energy such as high frequencies, ultrasonic waves, microwaves are used. This energy interacts with living tissue and turns into heat, which cuts tissue and organs while cauterizing to stop bleeding from the incision. Surgical energy device is a generic term for these surgical instruments.

What are Olympus surgical energy devices?

When Olympus first develop its surgical energy devices, a number of candidate designs were examined before settling on two highly practical solutions — a scissors-type and pistol-type device for open surgery and a pistol-type device for laparoscopic surgery . Devices, especially for open surgery, must not hinder the doctor's line of vision.

Why do surgical energy devices have two buttons?

We have clear reasons for every design feature incorporated into our surgical energy devices. Looking at the handle, for example, there are two buttons — one for transecting (detaching) tissue and one for sealing blood vessels to prevent bleeding.

How does surgery work?

In the surgery field, various medical operations are performed. During surgery, instruments that emit energy such as high frequencies, ultrasonic waves, microwaves are used. This energy interacts with living tissue and turns into heat, which cuts tissue and organs while cauterizing to stop bleeding from the incision.



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One of the key advantages of using an energy surgical system in plastic surgery is precision. Plastic surgeries often require extremely precise incisions and tissue manipulation.

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