

HYGEA



AI EpicTM S40

Cryosurgical System

Combine alternate cryoablation and hyperthermia ablation for safe and efficient tumor destruction

AI Epic™ S40 Cryosurgical System

Applicable for a wide range of tumors

The AI Epic S40 Cryosurgical System is a new generation of combined ablation system, designed to destroy tumors by the application of ultra-low temperature and high temperature in minimally invasive procedures. The treatment destroys the targeted tumor tissues safely, quickly and efficiently.

NMPA and CE approved indications include all solid tumors, such as Breast, Prostate, Lung, Kidney, Liver, Pancreas, Bone and soft tissue, Thyroid, etc.



Lung



Breast



Liver



Kidney



Soft Tissue



Pancreas



Bone



Prostate



Thyroid



Adult Cancer Pain

AI Epic™ S40 redefines the tumor cryoablation

Precise, efficient, affordable & compact

Precise

- The visible and measurable treatment zone ensures a precise and safe treatment
- CT-guided or ultrasound-guided procedure for an optimal treatment

Efficient

- Alternate freezing and heating from -196°C to 80°C for a powerful and complete tumor destruction
- The immune response stimulated by cryoablation can strengthen the tumor treatment effect

Affordable

- Liquid nitrogen and ethanol absolute have easy accessibility in hospitals of different levels
- Greatly reduce the cost of working medium in each surgery

Compact

- All-in-one design with built-in dewars, no extra gas cylinders or gas supply pipeline needed
- Convenience for installation and operation



Elite™ Sterile Co-Ablation Probe state of the art technology

Superior performance, high temperature, available & simple

Superior performance

- Fast cooling rate and large lethal zones

High temperature

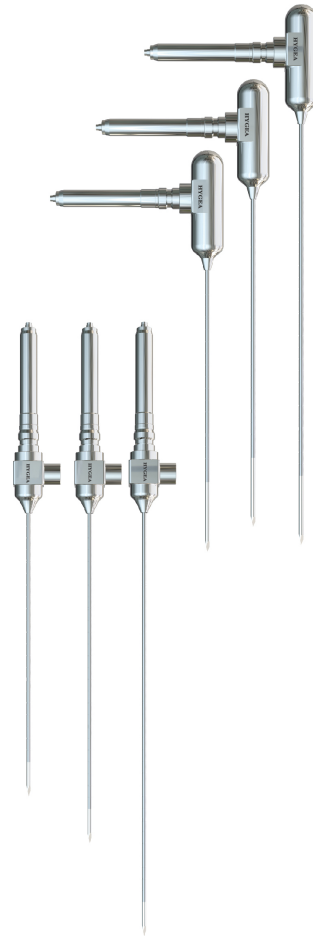
- Hyperthermia ablation can efficiently stop probe tract bleeding and prevent tumor implantation metastasis

Available

- Sterile Co-Ablation Probes come in different diameters, lengths and treatment zones to satisfy various clinical needs

Ease

- Plugin design and easy to use



AI Epic™ S40 system specifications

Model		AI Epic™ S40
Liquid nitrogen	Volume	24 L
	Max Pressure	1 MPa
Ethonal absolute	Volume	6 L
	Max Pressure	0.4 MPa
Treatment Temperature	Lowest Temperature	-186 ± 10°C
	Highest Temperature	75 ± 10°C
Output Channel		4
Display		Touch-screen display
Control panel		Yes
RFID Card Reader		Yes
Standby Battery		Yes
Dimension	Length	101 cm
	Width	77 cm
	High	115 cm
Weight		280 kg
Electrical Supply		220VAC, 50/60 Hz
Environmental Conditions	Temperature	10 - 40°C
	Relative humidity	30 - 75 %
	Air pressure	70 - 106 kPa
	others	Good ventilation, non MR



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Hygea Medical Technology Co., Ltd.

Founded in 2010, Hygea Medical has developed the new generation cryoablation system that destroys the tumors safely, efficiently and quickly.

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* Hygea Medical systems are available in selected markets.
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