OLYMPUS®

Your Vision, Our Future

EndoTherapy™

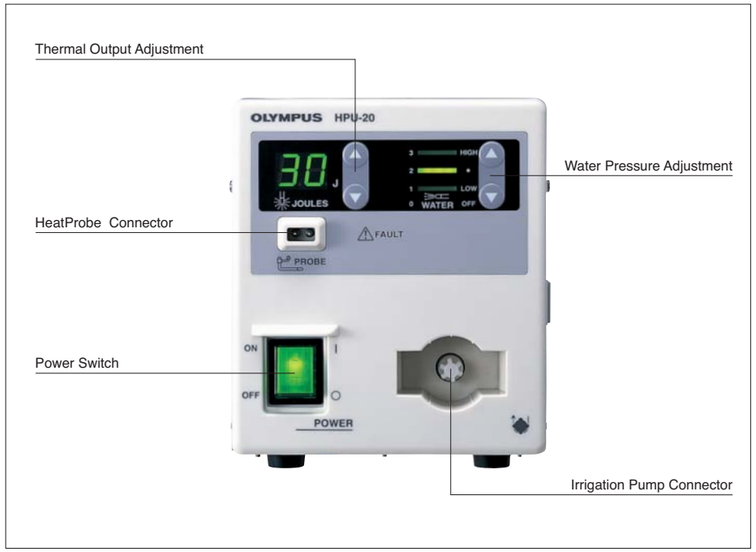
HeatProbe Unit and Heat Probe

HeatProbe™

More heating power and selectable coagulation levels

OLYMPUS HPU-20
Ensures Reliable Hemostasis

HeatProbe™



COAGULATION

Faster and more reliable — this unique heat-generating device delivers optimum temperatures and allows you to choose from six coagulation levels

With the CD-110U/120U HeatProbe, hemostasis is achieved by a special heat-generating device built into the tip of the probe. In combination with the HPU-20 HeatProbe Unit, which provides higher coagulation heat generating power than those of conventional models, this enables a sure coagulation. You can also fine-tune the system according to the location and amount of bleeding by selecting one of six different heat energy levels, ranging from 5J to 30J. By adjusting the amount of heat energy according to the level of hemorrhaging, you'll be able to perform more accurate hemostatic treatment. Jet irrigation from the nozzle at the tip washes the site to facilitate positioning, while the tip's special coating prevents sticking to the mucosa.

EFFICIENCY

Leading-edge thermal control system

To reduce the risk of electric shock and heat injury, high-frequency current is not used by the heat probe. Moreover, because the new advanced thermal control system achieves rapid heating and cooling, critical hemostatic treatment can be performed almost instantly.

REPROCESSING

Improved reprocessing capability minimizes cross-contamination risk

A newly developed tube-integrated irrigation pump can be detached from the main unit and autoclaved. Glutaraldehyde solution can also be passed through the tube. Probes are also autoclavable.

COMPACT, LIGHTWEIGHT & COST EFFECTIVE

Portable and cost-effective

This lightweight unit is barely two-thirds the size of a conventional model, making it highly portable and especially useful for emergency hemostasis. Above all, this unit is attractively priced to offer a level of performance that's hard to beat.

OPERABILITY

Two-pedal footswitch for easy operation

A convenient two-pedal footswitch enables easy operation of the HPU-20's heating and irrigating functions. Use the left pedal to perform coagulation, and the right pedal to control irrigation. When you press the left pedal, the selected heat energy is delivered. Choose from four irrigation levels on the front panel and activate irrigation by pressing the right pedal.

HeatProbe Unit / Heat Probe

Specifications

■HeatProbe™ Unit (HPU-20)

Power supply	Voltage	120 V AC	220, 230 or 240 V AC
	Input current	1 A	0.5 A
	Voltage fluctuation	Within ±10%	
	Frequency	50/60 Hz	
	Frequency fluctuation	Within ±1 Hz	
Size	Dimensions	150 (W) ×170 (H) ×300 (D) mm	
	Weight	5.9 kg	
Compatible Heat Probe™		CD-110U: Scope Channel 3.7 mm CD-120U: Scope Channel 2.8 mm	
Coagulation	Energy setting	Can be set in 6 steps (5/10/15/20/25/30Joules) using the Energy Setting Switches on the front panel.	
	Output	Heat is generated by pressing the "COAG" pedal of the Foot Switch (MAJ-528).	
		Once the Foot Switch pedal is pressed, heat is generated until the set energy value has been supplied.	
Water feeding	Water feed setting	Can be set in 4 steps ("High" "・" "Low" "OFF") using the Water Feed Setting Switches on the front panel.	
	Output	Water is fed by pressing the "WASH" pedal of the Foot Switch (MAJ-528).	

■HeatProbe™

Model	CD-110U	CD-120U
Max. insertion portion diameter	3.4 mm	2.7 mm
Working length	2300 mm	
Channel diameter	3.7 mm min.	2.8 mm min.
Compatible OLYMPUS HeatProbe™ unit	HPU-20	
Compatible OLYMPUS irrigation pump	MAJ-527	

OLYMPUS®
OLYMPUS MEDICAL SYSTEMS CORP.
Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0914, Japan

For a complete listing of sales and distribution locations visit:
www.olympus.com

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