



ES-Vision - TECHNICAL SPECIFICATIONS

DIATHERMY

ARGON

ThermoStapler®

Color touch screen

Different languages available

Possibility of storing up to 100 programs under different names

Remote program change

Special endoscopic modes

New monopolar modes

ThermoStapler® - bipolar sealing of big blood vessels - up to 7mm

SAFETY FEATURES

Protection against electric shock:

Class

I

Grade

CF

Low-frequency leakage currents

according to IEC 601-1-1

High-frequency leakage currents

according to IEC 601-2-2

Generator operation frequency

357 kHz

Defibrillation impulse resistance

according to EN 60601-1

NEM System

neutral electrode control

AUTOTEST

self-test of generator and accessories after switching

the power on, service codes display

generator overload protection

OVERLOAD

MONOPOLAR CUTTING

Pure cutting	350W
Blend cutting I	180W/150W
Blend cutting II	150W
Blend cutting III	150W
Cutting with desiccation	350W
Cutting in wet environment	150W
Argon cutting	350W

MONOPOLAR COAGULATION

Soft coagulation	180W
Forced coagulation	180W
Spray coagulation	80W
Universal coagulation	80W
Argon coagulation	80W
Argon pulse coagulation	80W

BIPOLAR CUTTING

Bipolar cutting	100W
(4 different levels of haemostasis)	
Bipolar cutting in wet environment	350W

BIPOLAR COAGULATION

Bipolar coagulation	120W
AutoStart / AutoStop	automatic start and stop of bipolar coag.

ARGON

Gas type	pure argon 5.0 (99.999%)
Inlet gas pressure	0.25-0.4MPa
Gas outflow	0.1-9.9 l/min, regulated 0.1 l/min in whole range
Pressure gauge	reducer (0.4MPa) on argon cylinder

ThermoStapler®

Vessel sealing system	250W
AutoStop	automatic stop of sealing process after achieving the optimal effect
Effect regulation	8 levels of intensity regulation

OTHER FEATURES

PowerStart system	simplify the beginning of cutting process
SURGILOGIC system	automatic power regulation depends on needs
PP endoscopic program	alternating cut and coag - 9 levels
Program memory	9 different memory locations
MultiSwitch	remote program selection by footswitch
Outputs	2 monopolarne, 1 bipolarne, 1 ThermoStapler®

WEIGHT AND DIMENSIONS

Length	420mm
Width	380mm
Height	160mm
Weight	12kg

POWER SUPPLY

Supply voltage	230V 50 Hz
Rated power input	500W