

Grazedean Ltd

ARC 350 and ARC 350L

HF ELECTROSURGICAL GENERATORS



FAST ARC Control

Convenient: 100 programs with 20+ pre stored

Clever: continuous self test

Clear: settings at a glance

Safe: EASY patient monitoring

Flexible: outputs for four instruments

Simply more to offer The ARC 350



ARC CONTROL is optimally integrated at all times, while self-check programs continuously provide maximum safety.

The ARC CONTROL regulator constantly adjusts the power output. You set the maximum power and the machine continuously adjusts for tissue variations and changes in cutting area or speed to maintain an even cut using the minimum power possible.

Safe: The EASY electrode application system monitors the neutral electrode connected to the patient and signals any change in resistance to the user.

Clever: The continuous self-test program ISSys monitors all safety-related parameters several hundred times a second and signals any faults.

Flexible: 2 monopolar and 2 bipolar outputs enable 4 different instruments to be configured independently.

Convenient: 20+ of the 100 locations for storing programs are preprogrammed for commonly used procedures. Use them as a base for your own programs or utilise them as they are.

Four separate outputs can be individually and quickly configured and the settings visually checked by the operator at any time.

Argon compatible with the addition of the ARC PLUS unit.

Ligation option, delivering tissue sealing on vessels of up to 7mm Ø in open and minimally invasive surgery.

In ARC350 format the machine is ideally suited to the following applications:

Field of application	Program
Cardiology	DryCUT, Mamaria, SimCOAG, Thorax
ENT surgery	ENT
General surgery	Standard
Gynaecology	Abdominal Ligation, EndoLAP, Hystero
Laparoscopy	EndoLAP Bipolar CUT, EndoLAP II Ligation
Liver surgery	Argon Open, Argon Ligation
Neuro surgery	Micro Neuro
Paediatrics	Micro Pediatric
Plastic surgery	Micro Plastic, Macro Plastic, Local Anesthesia
Thorax surgery	EndoLAP II Ligation, Thorax
Urology	TUR-P, TUR-BT, TUR-VAP, Bipolar TUR

With enhanced programs pre installed offering the surgeon the best choice in the following fields

Gastroenterology programs	Urology programs	Cardiology programs
GastroCUT (polypectomy)	TUR-P (prostate resection)	DryCUT
GastroCUT (papillotomy)	TUR-BT (vesical tumours)	SimCOAG
Argon Flex	TUR-VAP (vaporisation)	Thorax
	Bipolar TUR	Mamaria

For gastroenterological operations the combination of cutting and coagulation current gives optimum results when using polypectomy loops or papillotomes.

For urologists for underwater cutting, three programs are available in monopolar or bipolar mode.

For Cardiologists three programs with special cutting current are available and two handswitches can be activated simultaneously with SimCOAG.

For more information on any product please contact us and we will send you more detailed product and accessory specification.

Gripping: LIGATION option with ARC 350L

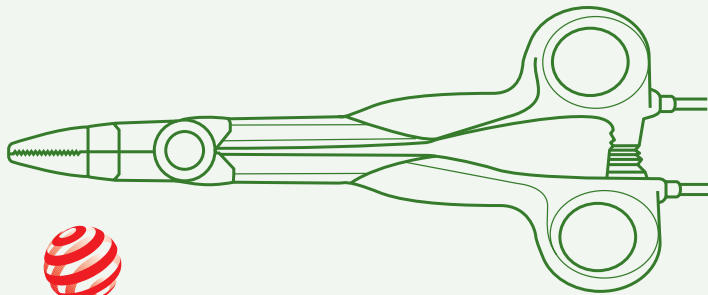


In the 350L version, ARC provides three additional "Ligation" programs and the associated special instruments for sealing vessels and tissue bundles in both open and laparoscopic surgery - TissueSeal® (winner of red*dot* design award) and LIGATOR®. The LIGATION program enables even large veins, arteries and bunched tissue

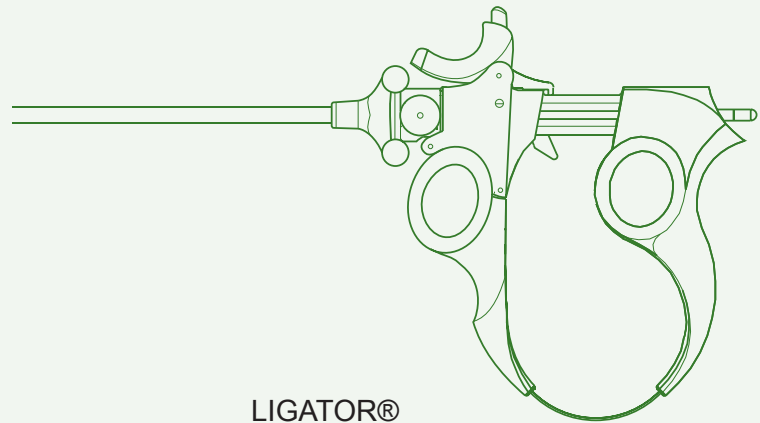
to be continuously sealed and provides the surgeon with different shaped instrument tips depending on the situation. The tissue sealing option can therefore be carried out without additional equipment, and an adapter enables third-party accessories to be used for this application.

Fields of application for TissueSeal® (extract)
Adhesiolysis
Adrenalectomy
Colon resection
Cystectomy
Gastrectomy
General surgery
Gynaecology
Haemorrhoidectomy
Hysterectomy
Nephrectomy
Pancreasectomy
Prostatectomy
Salpingoophorectomy
Splenectomy
Urology

Fields of application LIGATOR® (extract)
Adhesiolysis
Adrenalectomy
Appendectomy
Cholecystectomy
Fundoplicatio
Gastrectomy
Gynaecology
Hysterectomy
Nephrectomy
Salpingoophorectomy
Splenectomy



reddot design award TissueSeal®
winner 2006



LIGATOR®

TissueSeal reusable handles and disposable tips make economic sense. Straight, angled, toothed and non toothed options available. The ARC350 produces audible tones notifying the surgeon when sealing is complete. Ratchet guarantees constant pressure is applied during sealing.

LIGATOR tissue sealer is available in 360mm or 110mm lengths with inserts with a straight or curved toothed jaw.

NightKNIFE takes the LIGATOR a stage further with integrated cutting blade in the sealing jaw and micro points for tissue holding, shaft lengths of 360mm or 200mm available.

Reusable handle
Disposable tips



NightKNIFE



Integrated cutting blade

ARC PLUS - ARGON UNIT



With the ARC PLUS argon module and accessories arcs can be generated at **less than 10 watts**, reducing the risks in fine tissue areas.

Bronchoscopy	Argon Flex
Gastroenterology	Argon Flex, GastroCUT (Polypectomy, Papillotomy)
General surgery	Argon Ligation, Argon Open, Ligation, Standard
Liver Surgery	Argon open, Argon ligation

Disposable argon flexible probes are available as well as the standard reusable. Enhanced design ensures consistent ARC generation at low wattages is achieved. More information is available - for a full catalogue please contact us.



Argon flexible probes are available for BOWA and other manufacturers machines in lengths from 1.5m to 3m long and 1.5 - 3.2mm Ø available. The rounded ceramic tip gives excellent feeding properties into a working channel and long life. Argon rigid hand control probes are available with needles or blades in various lengths, Long life is achieved using with ceramic inserts.



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EINFACH SICHER
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