

New chapter of perfection in plastic surgery

Dr Constantin Stan
pioneer of Argo Plasma
technology in plastic surgery



Argo Plasma

For many years the argon plasma technology has been very successfully applied in medicine. The efforts to improve it have led to the development of new solutions in plastic surgery.

As a biologically inert noble gas, argon is safe for the human body. Its properties ensure temperature stability.

During the coagulation of soft tissues, argon plasma minimises the risk of carbonisation and, as a result of this, procedures are safe and controlled.

Due to these advantages, plastic surgeons have opened a new chapter in their field – the application of argon plasma in procedures in plastic surgery.



Procedures

Plastic surgery after

- liposuction procedures
- bariatric operations
- loss of body weight
- pregnancy

Breast surgery

- breast reconstruction
- breast reduction
- breast augmentation

Advantages of the technology

- energy enables selective impact at the least resistant tissues – the other structures remain intact
- spectacular and lasting effect of the procedure
- safety, efficacy and repeatability of the process
- high level of precision and control of the thermal effect
- uninterrupted operation even for long and frequent activations
- the properties of argon ensure effective cooling of the operative field
- minimisation of the risk of tissue carbonisation and smoke generation
- constant minimum depth of the thermal effect – the limited depth where tissues are destroyed
- accelerated regeneration of damaged tissues and a shorter period of post-operative convalescence

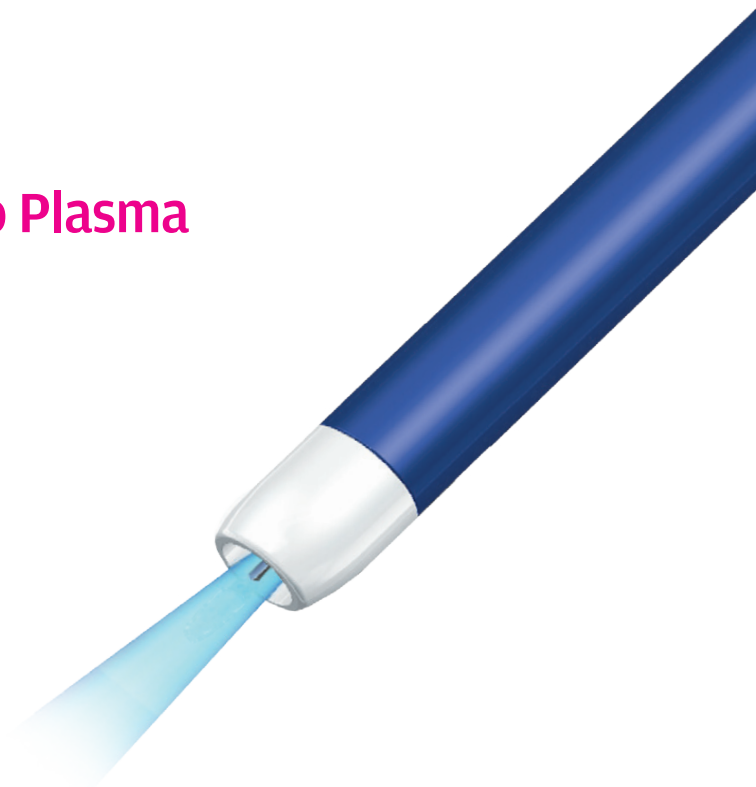


What makes our device different?

- competitive price compared with a helium plasma device
- much lower operating costs compared with a helium plasma device
- technology developed in cooperation with surgeons
- versatile use – the device has all the functions of an electrosurgical unit
- ability to expand the unit to include other surgical procedures
- functional, reusable operating handle with buttons for activating RF current
- cannulas fitted out with a ceramic tip which minimises heating of the instrument and facilitates access to tissue layers being coagulated
- wireless, multifunctional footswitch – argon plasma coagulation, cutting, monopolar or bipolar coagulation, change of the settings/programme
- 24/7 technical support
- experienced representatives
- quick return on investment

Technological solutions of Argo Plasma

- Smart Device System (SDS) detects and identifies connected instrument and automatically adapts the appropriate operating modes and output parameters to the instrument
- defined operating modes for plastic surgery
- menu in different languages
- control of activation from the level of a handswitch or a footswitch
- SDS sockets enabling the use of monopolar and bipolar instruments at the same output
- 10" touchscreen
- ability to store 105 independent programmes





Electrosurgical unit **Argo Plasma** REF 100-014

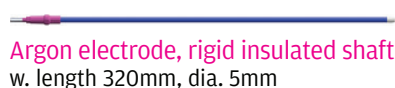
sets for 10 procedures

REF 932-14S AP1



Argon electrode handle large
2 switches, cable 3,5m

10 x



Argon electrode, rigid insulated shaft
w. length 320mm, dia. 5mm

REF 932-14S AP2



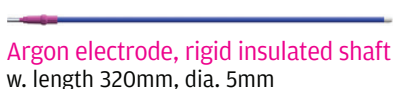
Argon electrode handle large
2 switches, cable 3,5m

5 x



Argon electrode, rigid insulated shaft
w. length 100mm, dia. 5mm

5 x



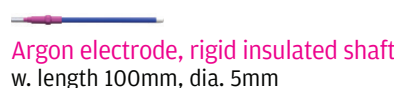
Argon electrode, rigid insulated shaft
w. length 320mm, dia. 5mm

REF 932-14S AP3



Argon electrode handle large
2 switches, cable 3,5m

10 x



Argon electrode, rigid insulated shaft
w. length 100mm, dia. 5mm

other accessories



MultiSwitch two-pedal footswitch
100-303 cable 5m, 6-pin plug
100-313 wireless



Disposable neutral electrode cable
380-030 3m, flat plug



Argon regulator P300 P40EMED
5501640 DIN 477/6



SpectrumLine trolley
080-100 with argon cylinder
case for electrosurgical units
(2x5L/10L)



Disposable neutral electrode EMED SAFE
812-80H hydrogel, split, for adults and
children, 176x122mm (10x5pcs.)



Argon Cylinder 10L
100-151
empty housing
- with no gas

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