

# Argon plasma coagulation

with the user-friendly VIO® 3



The benefits of the logical and intuitive VIO® 3 interface are now also available with APC3. As your stepGUIDE, the interface guides you through each menu, suggesting experienced starting settings for APC applications.



**Plug and operate:** insert the instrument and start the APC application immediately; this results in less setting adjustment or modifications. All modes are adapted to your requirements, enabling you to work more quickly while still protecting tissue.



Using the ReMode® function, you can select up to 6 sub-programs. This allows you to control the system from the operating field using a footswitch or appropriate instruments. With our new APCapplicator, you can toggle between electrosurgical function and argon plasma coagulation based on your technique.

# Multi-modality – finely adjustable APC modes



Our APC 3 modes support the full range of APC applications. In addition, the APC 3 facilitates argon-supported cutting, and you can also benefit from the new options offered by our proprietary hybrid technologies – APC combined with our electro-surgical or waterjet technology.

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## ALL APC MODES ARE INTEGRATED INTO THE VIO® 3:

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**pulsedAPC®** and **forcedAPC** are performed using an even finer, 100-increment effect setting for precisely-adjustable devitalization.

The **preciseAPC®** mode is used for hemostasis, particularly in the low-energy range and for sensitive structures to facilitate coagulation with minimal penetration.



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## IT'S NEVER BEEN EASIER:

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After selecting a mode, you can adjust the selected mode via the effect setting. It is easy to track the setting configurations and modifications on the large display. Due to precision adjustment, the optimal settings for ablation and coagulation can be refined. The rapid measurement and control technology (logging of 25 million measurements/sec) ensures highly reproducible and homogenous tissue effects.

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## THE APC SOCKET – YOUR CONNECTION FOR APC FILTERED INSTRUMENTS\*

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The single use APC instruments can be used for your procedure immediately without time-consuming reprocessing. This is because the membrane filter is already integrated into the connection plug of the FiAPC® probes and of the APCapplicator. "Plug and Operate" thus also stands for immediate availability and utilization of the instruments. The lightweight and easy-to-handle APCapplicator also offers user-friendly activation of all functions with one hand.



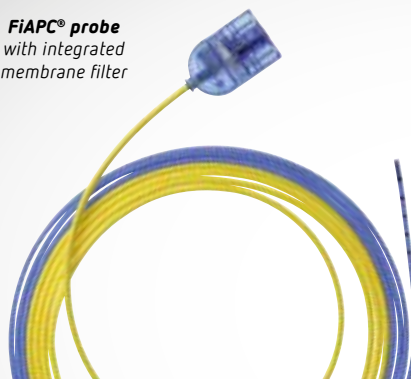
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## APC 3: NOW YOU CAN CONNECT EVEN MORE INSTRUMENTS

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Besides the APC socket, an additional multifunctional socket is provided for further instruments. For the first time, this allows you to connect and use up to 6 instruments as required for your procedure.

**FiAPC® probe**  
with integrated  
membrane filter



**APCapplicator with membrane filter,**  
35-mm shaft (rigid), spatula electrode





# Technical data

## Power connection

Low voltage	Via the VIO 3 electro-surgical unit
HF	Via the VIO 3 electro-surgical unit
Potential equalization connection	Yes

## Gas-specific unit data

Input pressure	$(5 \pm 2) \times 10^5$ Pa	5 ± 2 bar	72.5 ± 29 psi
Max. output pressure	$2 \times 10^5 \pm 2 \times 10^4$ Pa	2 ± 0.2 bar	29 ± 2.9 psi
Adjustable gas flow	0.1–8 l/min limited by the instrument connected in each case, configurable in 0.1 l/min increments		
Nominal flow tolerance	± 20 % [range: 0.1–8 l/min]		
If you use a compressed gas cylinder, a warning is activated at	$7 \times 10^5$ Pa	7 bar	101.5 psi
Display of remaining quantity	VIO 3 display		
Display of remaining pressure	Manometer on the gas cylinder		
The APC 3 switches off at an input pressure of	$< 3 \times 10^5$ Pa	< 3 bar	< 43.5 psi

## Dimensions and weight

Width x height x depth	415 x 100 x 375
Weight	5.3 kg

## Ambient conditions for transport and storage of the unit

Temperature	-30 °C to +70 °C
Relative humidity	10 %–90 %

## Ambient conditions for operating the unit

Temperature	+ 10°C – +40 °C
Relative humidity	15 %–80 %, non-condensing

## Standards

Classification in accordance with EU directive 93/42/EEC	II b
Type in accordance with EN 60 601-1	CF

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