



Plasma radiofrequency solution

ELECTRODE
FOR SOFT TISSUE
ABLATION COAGULATION



45°



90°



PLASMA RADIOFREQUENCY SOLUTION



Plasma radiofrequency solution

Plasma Radiofrequency energy is applied to a conductive medium to generate a highly focused plasma field around the electrode at the tip of it.

The plasma's energized particles have sufficient energy to break molecular bonds within tissue, causing tissue to dissolve at relatively low temperatures (typically 40° C to 70° C). The result is volumetric removal of target tissue with minimal damage surrounding tissue. Radiofrequency current does not pass directly through tissue, so the tissue heating is minimal. Most of the heat is consumed in the plasma layer, or in other words, by the ionization process. These ions then bombard tissue in their path, causing molecular bonds to simply break apart and tissue to dissolve.



Recommended Level					KNEE												SHOULDER							
	Part Number	Angle	Shaft Size	6-8	7-9	7-9	4-6	6-9	1-2	7-9	5-7	7-9	7-9	7-9	7-9	5-7	4-6	1-2						
Suction	FA C01S-1535	45°	3.5 mm								✓	✓	✓	✓	✓	✓								
	FA C02S-1635	90°	3.5 mm	✓		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓						
	FA C11S-1330	30°	3.0 mm			✓		✓	✓		✓	✓	✓	✓	✓	✓	✓							
Right Angle	FA C02-1535	90°	3.5 mm	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓						
	FA C07	90°	3.5 mm			✓		✓	✓	✓			✓		✓	✓	✓							
	FA C08-1345	90°	4.5 mm			✓				✓	✓													
Cutting	FA C05-1535	30°	3.5 mm			✓					✓						✓							
Bevel	FA C01-1535	45°	3.5 mm	✓	✓	✓																		
	FA C09-1330	30°	3.0 mm	✓	✓				✓			✓	✓	✓	✓	✓								

Input Voltage: 110-249 VAC
 Operating frequency: 110 kHz
 Operating mode: Resection (1-9 Level), C Level (Coagulation)
 Output voltage range: 0-330 Vrms @ 110 kHz
 Maximum output power: 300W @ 300 ohms
 Safety standard: IEC60601-1, IEC60601-2-2, IEC60601-1-2

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