

Revised Technical Specification: Argon Plasma Coagulation Unit for
General Surgery Department.

1. The Argon Plasma Coagulation system (APC) should be compatible with Supplied Electro Surgical unit of the same OEM.
2. All settings should be controlled by the ESU.
3. It should have Adjustable Argon flow rate from 0 l/min to 8 l/min in steps of 0.1 l/min with automatic regulation of selected flow rate.
4. It should have automatic monitoring of flow rate and Argon supply.
5. It should give visual display of Argon gas bottle content via Pressure Reducer on the cylinder and should give Acoustic alarm when bottle content reaches a minimum.
6. It should have facility to connect with central gas supply.
7. It should have facility for activation of unit by foot pedal of the Electro surgical unit.
8. It should have the following modes- Precise APC/ Pulsed APC/ and Forced APC.
9. It should have facility to use in double balloon enteroscopy procedures.
10. It should have facility for Argon supported Cutting and Coagulation.
11. It should have variable axial beam, Side fire beam and circumferential probes optimized for different procedures for Open & lap Surgical Procedures.

12. The unit should have different argon plasma coagulation outputs for different superficial coagulations and tumor ablations
13. The unit should have plug play options for APC probes
14. The unit should be supplied with filter integrated four different types of APC probes : straight, side, circumferential and Balloon entroscopy for Flexible Endoscopy & Rigid Applicators for Open & lap Procedures
15. The units should be microprocessor controlled, US-FDA & European Certificate marked in accordance with the medical devices directive (93/42/EEC), Class I Equipment and Electromagnetic Compatibility Certificate & ISO Certificate.

Following Accessories to be supplied with the Argon Plasma Unit- from Same OEM-

1. Pressure Reducer from Same OEM
2. OEM Argon Gas Cylinder- 02
3. OEM Surgical Trolley with Castor wheel & locks & provision for Argon Gas Cylinder-01
4. OEM Disposable Neutral Plates- 250 Pcs
5. Disposable Argon Gas Applicators Cutting & Coagulations for Open & Lap Surgeries – 10 Each Same OEM
6. Disposable Filter Integrated APC Probes for flexible endoscopy with variable axial beam, Side fire beam and circumferential probes – 10 Each Same OEM.

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