

Specification for Single Puncture Laparoscopes

Sr. No.	Description of Item/Accessory	Proposed specifications	Quantity
1	Telescope	Telescope 0 degree with parallel/straight eye piece, 10 to 12 mm diameter Fibre optic light transmission incorporated; should be compatible with the commonly available light cables (necessary adaptors should be provided) Can be sterilised by autoclaving, cidex solutions and Formalin Chamber. Should have 6 mm instrument channel/built-in ring applicator Working length of 270-275 mm	1
2	Trocar & Cannula	Cannula size + 1 mm more than the telescope diameter; should have an automatic valve and stopcock for insufflation. Trocar should have pyramidal tip. The length of the Trocar should be 160 -170 mm and the length of the cannula should be 100 - 110 mm	2
3	Ring Applicator	Ring applicator for use with parallel/straight eyepiece telescope compatible with the above telescope, capable of loading two silastic rings.	2
4.	Cone	Suitable cones for loading rings to the above applicator	5
5.	Slide/guide	Suitable slides/guide for loading rings to the above applicator	10
6.	Veress Needle	Veress Needle with spring loaded blunt stylet with luer lock and length of 10 cm	3
7	Veress Needle	Veress Needle with spring loaded blunt stylet with luer lock and length of 15 cm	3
8	Essential Spares		
	i) Spare Washers	Spare washers for trocar and cannula and automatic valve	12
	ii) Kits for cleaning	i) Trocar Brush ii) Cannula Brush iii) Cleaning Oil 100 ml	2 2 2
	iii) Manuals	Operational manual Service manual Spare parts list (with part nos.)	1 1 1
9	Environment	Telescope should be specified for operation up to 45° C and 100% relative humidity	1

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