

Smoke evacuation system



	Smoke evacuation system	Smoke evacuation system PRO	ENDOEVAC
with footswitch	tk 90300-18	tk 90300-19	tk 90300-30
Application	Surgical gynaecology; open surgery	Surgical gynaecology; open surgery; Endoscopy (Laparoscopy)	Endoscopic Laparoscopy
Connection for an external vacuum system	-	x	x

- Independent electrical suction pump with high air flow rate up to 800 lt/min.
- The unit can be combined with all HF-units on the market, monopolar and bipolar
- Automatic mode - Each time the electrosurgical unit is activated the smoke evacuation system starts working
- Adjustable flow rate with "turbo" function
- Suction is switched off with a delay function, adjustable from 1-30sec.
- Smoke filtering system at three stages:
 1. External sterile, disposable, antibacterial, antiviral filter
 2. Internal bacterial and antiviral ULPA filter
 3. Internal antismell "active carbon" filter
- The functioning of the unit is controlled by a microprocessor. Double check of the filter system, with alarm signal for non efficient filters, or exceeded filter life times

INCLUDED ACCESSORIES

	Smoke evacuation system	Smoke evacuation system PRO	ENDOEVAC
tk 90018-00	1 x	1 x	1 x
tk 90300-40	1 x	1 x	2 x
tk 90300-41	1 x	1 x	2 x
tk 90300-42	1 x	1 x	-
tk 90300-43	1 x	1 x	-
tk 90300-44	1 x	1 x	-
tk 90300-51	-	-	10 x
tk 90300-50	-	1 x	1 x

TECHNICAL DATAS

	Smoke evacuation system	Smoke evacuation system PRO	ENDOEVAC
Max. Vacuum	150 mmHg	720 / 730 mmHg	600 mmHg
Flow rate	standard 600 / turbo 800 lt/min.	100 lt/min.	10 lt/min.
Power consumption	650 VA	460 VA	170 VA
Weight	10.5 kg	18.5 kg	7.5 kg
Dimensions (WxDxH)	380 x 440 x 180 mm		380 x 300 x 140 mm
Power supply	115/230 VAC ± 10%		
Main fuses	2, situated on the rear side		
Cooling	by fan		
EC approval and classification	IIa according to 93/42 EEC		
Safety class	Class 1 according to IEC EN 60601-1		
Type	BF according to IEC 60601-1		

Accessories for the smoke evacuation system



tk 90300-40	50h
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1x Internal active carbon filter (antismell)



tk 90300-41	50h
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1x Internal bacterial, antiviral ULPA filter



tk 90300-42	
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1x External/disposable bacterial, antiviral filter, single use



tk 90300-43	1,8m - Ø 11mm
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Disposable sterile tube to connect to a speculum or other suction systems as disposable handles with suction cannulae and even direct suction



tk 90300-44	1,5m - Ø 19mm
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Extension tube for tk 90300-43, non sterile, single use



tk 90300-51	5m - Ø 7x11mm
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Sterile set consisting of a single use sterile filter and a silicone tube with LL connection.



tk 90018-00	Monopolar/Bipolar
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Pneumatic footswitch



tk 90300-50	
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Autoclavable connecting tube, complete with quick connector for the unit, but not equipped with connector to the centralized vacuum system because too many different connections are used