



Endo-Scrub[®] 2 Lens Cleaning Sheaths

FOR THE INTEGRATED POWER CONSOLE
(IPC[®] SYSTEM)



Maximum Visualization
at the Surgical Site

Endo-Scrub® 2 Lens Cleaning Sheaths

FOR THE INTEGRATED POWER CONSOLE (IPC® SYSTEM)



Our Endo-Scrub® 2 Lens Cleaning Sheaths help ENT surgeons maintain maximum visualization at the surgical site without removing the endoscope. The software-driven Endo-Scrub 2 sheath delivers a high-power burst of irrigation to flush debris from the lens tip. When used correctly, the sheath provides outstanding and consistent view maintenance, and only adds 0.7 mm to the endoscope's barrel diameter profile.

Improved Software and Sheath Design

Our newest Endo-Scrub 2 software is fully integrated with and optimized for our Integrated Power Console (IPC® System). Multiple software improvements ensure that all fluid is evacuated from the sheath to keep the lens from fogging. We also redesigned the sheaths to better secure the scope in the sheath and help prevent fluid seepage.



Key Features

- Automatically adjusts forward and reverse flow to clean the endoscope lens when you tap the footswitch
- Six cycle settings allow you to customize performance
- Auto-prime prohibits drips or air bubbles from forming over the lens
- Easier set-up and switching between endoscopes with pump head design
- Covers a broad range of endoscopes by multiple manufacturers

Fogging and accumulated debris can decrease visualization and necessitate removing the scope during a surgical procedure for cleaning.



The Endo-Scrub® 2 and IPC® Difference

Significantly Improves the Ability to Operate in the Presence of Bleeding¹⁻⁶



Software-driven Endo-Scrub® 2 Lens Cleaning Sheaths ensure that fluid is evacuated from the sheath to keep the lens from fogging.

IPC® and Endo-Scrub® 2 System

• Kit* includes:

1898001	IPC® Console
1897821	Power Cord, 6 Meter, IEC 320, 115V
1898430	IPC Multi-Function Footpedal
1898851	IPC Manual
1897510	Basket
1852000	Endo-Scrub® 2 Footswitch
1991015	Endo-Scrub 2 Fingerswitch

IPCES2SYSKIT* IPC and Endo-Scrub® 2 System

* This kit is only available in the US. If you are not in the US, please order the above items individually.

Endo-Scrub® 2 Lens Cleaning Sheaths - Ordering and Compatibility Chart

ITEM NUMBER	SIZE	ANGLE	COMPATIBLE SCOPES: BY MANUFACTURER AND PART NUMBER		QTY
1912023*	2.7 mm	0°	Karl Storz®	27018A	5
1912000*	4 mm	0°	Karl Storz	7210AA	5
1912002*	4 mm	0°	Karl Storz	7200A	5
1912000	4 mm	0°	Karl Storz	7230AA	5
1912012	4 mm	30°	Karl Storz	7200B	5
197230BLA	4 mm	30°	Karl Storz	7230BLA	5
197230BRA	4 mm	30°	Karl Storz	7230BRA	5
197230BVA	4 mm	30°	Karl Storz	7230BVA	5
1912010	4 mm	30°	Karl Storz	7230BA	5
1912013	4 mm	45°	Karl Storz	7210FA	5
197230FLA	4 mm	45°	Karl Storz	7230FLA	5
1912013	4 mm	45°	Karl Storz	7230FA	5
197230CRA	4 mm	70°	Karl Storz	7230CRA	5
197230CVA	4 mm	70°	Karl Storz	7230CVA	5
1912020	4 mm	70°	Karl Storz	7230CA	5
1912050*	4 mm	0°	Linivtec®	HD4000R	5
1912051	4 mm	30°	Linivtec	HD4300R	5
1912051	4 mm	30°	Linivtec	QL4300R	5
1912052	4 mm	70°	Linivtec	HD4700R	5
1912023*	2.7 mm	0°	Medtronic	1880160	5
1912027	2.7 mm	30°	Medtronic	1880161	5
1912000*	4 mm	0°	Medtronic	1880152	5
1912010	4 mm	30°	Medtronic	1880153	5
1912015	4 mm	45°	Medtronic	1880155	5
1912020	4 mm	70°	Medtronic	1880154	5
1912032*	4 mm	0°	Olympus®	A7594A	5
1912033*	4 mm	0°	Olympus	A70940A	5
1912038*	4 mm	0°	Olympus	WA96200A	5
1912031	4 mm	30°	Olympus	A7595A	5
1912034	4 mm	30°	Olympus	A70941A	5
1912039	4 mm	30°	Olympus	WA96201A	5
1912039REV	4 mm	30°	Olympus	WA96202A	5
1912036	4 mm	45°	Olympus	WA96203A	5
1912036REV	4 mm	45°	Olympus	WA96204A	5
1912035	4 mm	70°	Olympus	A70942A	5
1912037	4 mm	70°	Olympus	WA96205A	5
1912037REV	4 mm	70°	Olympus	WA96206A	5

*Includes Tubing Set

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ITEM NUMBER	SIZE	ANGLE	COMPATIBLE SCOPES: BY MANUFACTURER AND PART NUMBER		QTY
1912008*	4 mm	0°	Richard Wolf	888.0431	5
1912008*	4 mm	0°	Richard Wolf	585412	5
1912018	4 mm	25°	Richard Wolf	8475.42	5
1912019	4 mm	25°	Richard Wolf	8885.433	5
1912019	4 mm	25°	Richard Wolf	8880.433	5
1912024*	2.7 mm	0°	Smith & Nephew®	23-0853	5
1912028	2.7 mm	30°	Smith & Nephew	23-0854	5
1912004*	4 mm	0°	Smith & Nephew	23-0850	5
1912004*	4 mm	0°	Smith & Nephew	70230910	5
1912014	4 mm	30°	Smith & Nephew	23-0851	5
1912040*	4 mm	0°	Stryker®	502-477-011	5
1912041	4 mm	30°	Stryker	502-477-031	5
1912042	4 mm	45°	Stryker	502-477-045	5
1912043	4 mm	70°	Stryker	502-477-071	5

*Includes Tubing Set

References

1. Haruna S, Otori N, Moriyama H, Kamio M. Endoscopic transnasal transthyroid approach for pituitary tumors: assessment of technique and postoperative findings of nasal and paranasal cavities. *Auris Nasus Larynx* 2007; 34:57-63.
2. Jho H-D. Endoscopic pituitary surgery. *Pituitary* 1999; 2:139-154.
3. Gross CW, Becker DG. Power instrumentation in endoscopic sinus surgery. *Oper Tech Otolaryngol Head Neck Surg* 1996; 7(3):236-241.
4. Lui WM, Leung GKK, Hui Y, Lee KK, Fan YW. Endonasal endoscopic removal of growth hormone-secreting pituitary adenomas. *HKMJ* 2001; 7(2):189-192.
5. Kennedy DW. Functional endoscopic sinus surgery: concepts, surgical indications, and instrumentation. In: Kennedy DW, Bolger WE, Zinreich SJ, eds. *Diseases of the Sinuses: Diagnosis and Management*. 1st ed. Philadelphia, PA: PMPH USA; 2001:197-210.
6. Bolger WE, Kennedy DW. Surgical complications and postoperative care. In: Kennedy DW, Bolger WE, Zinreich SJ, eds. *Diseases of the Sinuses: Diagnosis and Management*. 1st ed. Philadelphia, PA: PMPH USA; 2001:303-316.

For further information, please call Medtronic ENT at 800.874.5797 or 904.296.9600.

You may also consult our website at www.MedtronicENT.com.

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