



# ENT Slide-On<sup>®</sup> EndoSheath<sup>®</sup> System

PROTECTION FOR YOUR PATIENTS, PRODUCTIVITY FOR YOUR PRACTICE



# Protecting Your Patients

## Has your scope been soaking long enough?

**Up to 28% of reprocessed endoscopes still harbor culturable micro-organisms.<sup>1,2</sup>**

We know you worry about cross-contamination from reprocessed endoscopes. And with good reason. Now you can help reduce the risk of cross-contamination in an easy, effective way. The Slide-On® EndoSheath® System provides:

- > A sterile, disposable sheath for flexible ENT scopes that provides a latex-free barrier between scope and patient
- > A proven effective microbial barrier to micro-organisms as small as 27 nanometers that is 100% leak-tested
- > Disposable channels that reduce the bioburden and cleaning concerns of traditional long channeled scopes

### Clinical Research Reports:

Use of a high-quality, snugly fitting, sterile, disposable polyurethane sheath on a nasopharyngoscope during a clinical examination, combined with enzymatic detergent cleaning and disinfection with 70% ethanol, can provide a reliably decontaminated, patient-ready instrument, eliminating the need for high-level disinfection of endoscopes.<sup>3</sup>

Alvarado et al, *American Journal of Infection Control*, 2009.

Using an individually packaged disposable sterile sheath on a FNLP prevents microbes from adhering to the shaft of the scope, thus providing a reasonably safe method of avoiding the transmission of infection from one patient to the next patient when using an FNLP successively in multiple patients in an otolaryngology clinic.<sup>4</sup>

Elackattu et al, *Laryngoscope*, 2010.

# ENT Slide-On® EndoSheath® System

The ENT Slide-On® EndoSheath® System is a sterile, microbial barrier for flexible endoscopes that provides a latex-free barrier between the scope and the patient. This easy-to-use system reduces patient contact with organic debris and staff exposure to hazardous chemicals.

An alternative to time-intensive chemical reprocessing, the EndoSheath System allows for quick scope turnaround creating more time for patients. Perform a range of office-based screening procedures, all with the convenience of EndoSheath technology.

## Benefits of the EndoSheath® System

### *Enhanced Clinical Productivity*

- > Enables office based TFL with biopsy and esophagoscopy vs. being performed in the OR.
- > Channeled sheaths turn a visual-only diagnostic device into a therapeutic device
- > Allows quick scope turnaround time by eliminating high-level disinfection between procedures

### *Enhanced Safety for Staff*

- > Eliminates frequent handling of hazardous chemicals

### *Improved Equipment Longevity*

- > Causes less wear and tear on scope from chemical exposure
- > Lowers cost in repairs to scope
- > Reduces the need for backup scopes

### *Sterility*

- > Offers a sterile, disposable alternative to high-level disinfection
- > Provides a proven effective barrier to 27 nanometers per FDA requirements and testing
- > Reduces concern for biofilm, bioburden, and issues of improperly disinfected devices



# Basic Slide-On® EndoSheath® System

*A sterile scope for each patient*

- Proven effective barrier to micro-organisms as small as 27 nanometers
- Simplifies steps between cases and improves productivity
- Virtually eliminates staff exposure to hazardous germicides
- Prolongs the life of the scope by reducing chemical exposure
- 100% leak-tested: over 5 million procedures with no reported leaks or tears

*All basic sheaths packaged 20 per box*

Part Number	Model Number
<b>VISION SCIENCES®</b>	
225101	ENT-1000 or ENT-4500
225301	E-F100*
225401	ENT-2000 or ENT-3000
225601	ENT-4000 or ENT-5000
<b>GYRUS ACMI®</b>	
225401	ACMI/800-600 3.6 mm
<b>KARL STORZ®</b>	
226101	11101SK1
226301	11101RP
226401	11101RP1 or 11101RP2

\*Requires use of Cat. No. 021106,  
E-F100 Slide-On® Endosheath® Adapter

Part Number	Model Number
<b>MACHIDA®</b>	
222101	ENT-2L
222401	ENT-4L
225301	ENT-3L or ENT-30PIII
<b>MEDTRONIC®</b>	
225401	SharpSite®
<b>OLYMPUS®</b>	
224101	ENF-XP
224301	ENF-P2 or ENF-P3
224401	ENF-P4 or ENF-GP
224501	ENF-V
225501	ENF-VQ
226401	ENF-V2
<b>OPTIM®</b>	
222401	ENT 3.6F/ENTity



Part Number	Model Number
<b>PENTAX®</b>	
222401	VNL-1330 or FNL-13S
224101	FNL-7RP3
225401	FNL-10P2, FNL-10RBS, FNL-10RP3, FNL-10S or FNL-10BS
225501	VNL-1130 or VNL-1170K
226401	VNL-1070STK
<b>SMITH-NEPHEW®/GYRUS ACMI®</b>	
225301	Duraview OL-1
<b>WELCH ALLYN®</b>	
225401	RL-150
<b>XION®</b>	
222401	EV-NE
225501	EV-N
226401	EF-NS

## Channeled EndoSheaths

*For diagnostic and therapeutic procedures*

The Slide-On Channeled Sheath has the same features as the standard Slide-On EndoSheath System, plus a built-in 2.1 mm working channel. This allows an existing viewing-only scope to be used for multipurpose diagnostic and therapeutic procedures that traditionally require dedicated channeled ENT scopes.

- Enhance office productivity through increased utilization of existing ENT scopes
- Reduce the cleaning difficulty and reduce the concern of biofilm and bioburden in the channels by using a disposable working channel

*All channeled sheaths and biopsy forceps are packaged 10 per box*

Part Number	Model Number
<b>VISION SCIENCES®</b>	
335201	E-F100*
335401	ENT-2000 or ENT-3000
335601	ENT-4000 or ENT-5000
<b>KARL STORZ®</b>	
336301	11101RP
336401	11101RP1 or 11101RP2
<b>MACHIDA®</b>	
332401	ENT-4L
335301	ENT-3L or ENT-30PIII

\*Requires use of Cat. No. 021106,  
E-F100 Slide-On® Endosheath® Adapter

Part Number	Model Number
<b>MEDTRONIC®</b>	
335401	SharpSite®
<b>OLYMPUS®</b>	
334301	ENF-P2 or ENF-P3
334401	ENF-P4 or ENF-GP
<b>PENTAX®</b>	
332401	VNL-1330 or FNL-13S
335401	FNL-10P2, FNL-10RBS, FNL-10RP2, FNL-10RP3, FNL-10S or FNL-10BS
336401	VNL-1070STK



Part Number	Model Number
<b>SMITH-NEPHEW®/GYRUS ACMI®</b>	
335201	Duraview OL-1
<b>WELCH ALLYN®</b>	
335401	RL-150
<b>XION®</b>	
332401	EV-NE
336401	EF-NS

### Related Products

Part Number	Model Number
<b>BIOPSY FORCEPS -LARYNGEAL</b>	
SU111304F	Disposable, 40 cm



# Perform More Diagnostic Procedures IN OFFICE



- MORE UTILITY FROM YOUR EXISTING ENDOSCOPES
- MORE TIME FOR PATIENTS
- LESS CONTACT WITH ORGANIC DEBRIS AND MICROORGANISMS
- LESS EXPOSURE TO HAZARDOUS CHEMICALS
- LESS-COSTLY REPAIRS FOR YOUR SCOPE

## Slide-On® TNE-2000, TNE-2000 Bx and TNE-5000 EndoSheath® System

*Efficient and effective for in-office screening and diagnosis of esophageal disorders*

The EndoSheath for TNE provides a sheath with a disposable channel, eliminating the need to clean traditional long channeled TNE scopes.



Part Number	Model Number
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VISION SCIENCES® TNE-5000	
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035101	TV-2.1 mm TNE
035102	TV-1.5 mm TNE

Part Number	Model Number
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VISION SCIENCES® TNE-2000	
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032101	TNE-1.5 mm
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VISION SCIENCES® TNE-2000 BX	
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032102	TNE BX-2.1 mm
032104	TNE BX-1.5 mm

### *Related Products*

Part Number	Model Number
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BIOPSY FORCEPS - ESOPHAGEAL	
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SU1113075F	Disposable, 75 cm
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*All TNE sheaths and biopsy forceps are packaged 10 per box*

## References

1. Reynolds CD, et al. Variability in reprocessing policies and procedures for flexible fiberoptic endoscopes in Massachusetts hospitals. *Am J Infect Control* 1992; 20(6):283-290.
2. Kaczmarek RG, et al. Multi-state investigation of the actual disinfection/sterilization of endoscopes in health care facilities. *The American Journal of Medicine* 1992.
3. Alvarado CJ, Anderson AG, Maki DG. Microbiologic assessment of disposable sterile endoscopic sheaths to replace high-level disinfection in reprocessing: a prospective clinical trial with nasopharyngoscopes. *Am J Infect Control* 2009; 37:408-13.
4. Elackattu A, Zoccoli M, Spiegel JH, Grundfast KM. A comparison of two methods for preventing cross-contamination when using flexible fiberoptic endoscopes in an otolaryngology clinic: disposable sterile sheaths versus immersion in germicidal liquid. *Laryngoscope* 2010; 120:2410-2416.

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](http://www.MedtronicENT.com).

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### International Telephone Numbers

Adriatic Regional Office	385-1-488-1120	Italy	39-02-24137-324
Australia	1800-668-670	Japan	81-3-6430-2017
Baltic Regional Office	37-1-67560226	Korea	82-2-3404-3600
Belgium	32-2456-09-09	Lebanon	961-1-370-670
Canada	1800-217-1617	Luxembourg	32-2456-09-09
China	86-21-50800998	Netherlands	31-45-566-8800
Czech Republic	420-2-9657-9580	Poland	48-22-4656900
France	33-470-679-800	Russian Federation	7-495-580-73-77
Germany	49-2159-8149-209	Singapore	65-6776-6255
Greece	30-210-67-79-099	South Africa	27-11-466-1820
Hong Kong	852-2919-1312	Spain	34-91-625-05-40
Hungary	36-30-5052987	Taiwan	886-2-2183-6000
India	91-22-26836733	UK	44-1923-205-166
Israel	972-9-972-4400	USA	1-904-296-9600



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