# VideoArthroscopes, Autoclavable

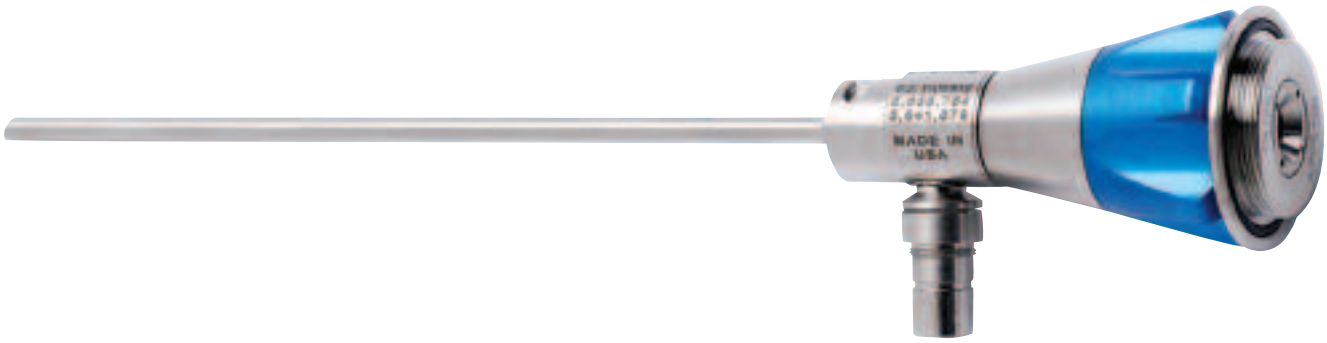


Indications: Arthroscopy and examination/treatment of nasal cavities and nasal pharynx
Wide-angle lens design for a larger field-of-view
Unparalleled brightness
Sharp images throughout the entire field-of-view
Lightweight construction
Sapphire lenses for improved scratch resistance compared to conventional glass
Compatible with Smith & Nephew autoclavable and non-autoclavable Camera Heads
Validated for both steam and chemical (EtO, Steris®, and Sterrad®) sterilization modalities

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| VideoArthroscopes, Autoclavable, High Definition 560H only | | | | | | | |
| 72200312 | 4.0 mm | 30° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 72200089 | 4.0 mm | 70° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| VideoArthroscopes, Autoclavable, 470H head, Smith & Nephew mount | | | | | | | |
| 7210716 | 4.0 mm | 30° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 7209401 | 4.0 mm | 70° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 7209402 | 2.7 mm | 30° | 90° | 120 mm | Opposite | J-Lock | 4.0 mm |
| 7205929 | 2.7 mm | 30° | 90° | 67 mm | Opposite | J-Lock | 4.0 mm |

| REF | Description |
|---|---|
| 7205548 | Aluminum oxide vial for cleaning autoclavable endoscope lenses |
| 7210721 | Protective cap for autoclavable scopes. Fits 4.0 mm and 5.5 mm scopes. Package of 70. |
| 81010296 | Replacement O-ring for 7210716 |

# VideoArthroscopes, Non-Autoclavable




Indications: Arthroscopy and examination/treatment of nasal cavities and nasal pharynx

Stainless steel construction to withstand chemical sterilization modalities (EtO, Steris®, and Sterrad®)

Wide angle of view

Ergonomically designed to directly attach to the camera head for ease of use and reduce number of interface where fogging could occur

Insertion needle is fully rotatable without the need to reposition the camera head

Compatible with Smith & Nephew Non-Autoclavable Camera Heads (C-Mount), as listed below

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| Black Focus Ring, 19.5 mm focal length | | | | | | | |
| 72201501 | 4.0 mm | 30° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 72201671 | 4.0 mm | 70° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |

Note: These non-autoclavable HD VideoArthroscopes for use only with the Smith & Nephew 560H camera heads.

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| Blue Focus Ring, 35 mm focal length | | | | | | | |
| 7205922 | 4.0 mm | 30° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 3766 | 4.0 mm | 30° | 115° | 160 mm | Same Side | J-Lock | 4.0 mm |
| 3628 | 4.0 mm | 70° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 3632 | 2.7 mm | 30° | 90° | 120 mm | Opposite | J-Lock | 4.0 mm |
| 3768 | 2.7 mm | 30° | 90° | 67 mm | Opposite | J-Lock | 4.0 mm |
| 3863 | 1.9 mm | 30° | 75° | 65 mm | Opposite | J-Lock | 2.0 mm |

Note: These VideoArthroscopes for use only with the Smith & Nephew ED3, 360, 460, HD900, and 111 camera heads.
Not compatible with the Smith & Nephew 470 or 560 camera heads

| REF | Description |
|---|---|
| 8001701 | Replacement O-ring for C-mount Video Arthroscopes |

* Item shown

# VideoArthroscopes, Non-Autoclavable




Indications: Arthroscopy and examination/treatment of nasal cavities and nasal pharynx

Stainless steel construction to withstand sterilization modalities (EtO, Steris®, and Sterrad®)

Wide angle of view

Ergonomically designed to directly attach to the camera head for ease of use and reduce number of interface where fogging could occur

Insertion needle is fully rotatable without the need to reposition the camera head

Compatible with Smith & Nephew Non-Autoclavable Camera Heads (C-Mount)

Black Focus Ring, 25 mm focal length

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 4125†† | 4.0 mm | 30° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 4126†† | 4.0 mm | 70° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 4130†* | 2.7 mm | 30° | 90° | 120 mm | Opposite | J-Lock | 4.0 mm |
| 4131† | 2.7 mm | 30° | 90° | 67 mm | Opposite | J-Lock | 4.0 mm |
| 4132† | 2.7 mm | 70° | 90° | 70 mm | Opposite | J-Lock | 4.0 mm |
| 7208133† | 1.9 mm | 30° | 75° | 62 mm | Opposite | J-Lock | 2.0 mm |

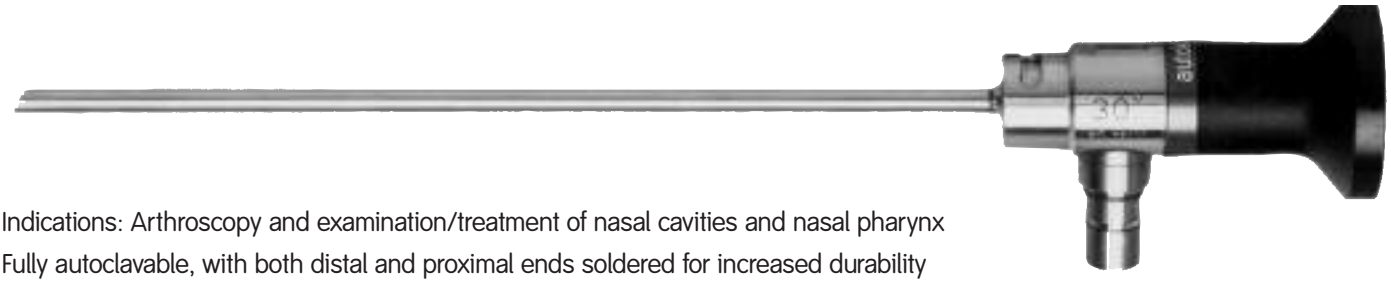
Note: †HD and non-HD compatible
††Not HD compatible

| REF | Description |
|---|---|
| 8001701 | O ring |

* Item shown

# Direct-View Arthroscopes

## Direct-View Arthroscopes, Autoclavable



Indications: Arthroscopy and examination/treatment of nasal cavities and nasal pharynx

Fully autoclavable, with both distal and proximal ends soldered for increased durability

Wide angle of view

Autoclavable arthroscopes have sapphire distal lenses and rear ocular windows for much greater scratch resistance than conventional glass

Stainless steel construction to withstand sterilization various modalities (EtO, Steris®, Sterrad®, and autoclave)

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 72202087 | 4.0 mm | 30° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 72202088 | 4.0 mm | 70° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 7208132 | 4.0 mm | 30° | 115° | 175 mm | Opposite | Storz | 4.0 mm |
| 7205682 | 2.7 mm | 30° | 90° | 67 mm | Opposite | J-Lock | 4.0 mm |
| 7205681 | 2.7 mm | 30° | 80° | 120 mm | Opposite | J-Lock | 4.0 mm |
| 72201597 | Direct-View | 4.0 mm | 30° | 115° | 278 mm | Opposite Side | 4.0 mm |
| 72201598 | Direct-View | 4.0 mm | 70° | 115° | 280 mm | Opposite Side | 4.0 mm |

Note: Compatible with all camera heads with couplers

## Direct-View Arthroscopes, Non-Autoclavable

Indications: Arthroscopy and examination/treatment of nasal cavities and nasal pharynx

Wide angle of view

Stainless steel construction to withstand sterilization modalities (EtO, Steris®, and Sterrad®)

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 4184 | 1.9 mm | 30° | 80° | 67 mm | Opposite | J-Lock | 2.0 mm |

For use with hip arthroscopy scopes REF 72201597 and 72201598

| REF | Description |
|---|---|
| 72201816 | 6.0 mm diagnostic cannula, double valve, rotatable |
| 72201898 | 4.5 mm cannulated obturator for cannula 72201816 |

| | |
|---|---|
| 7205548 | Aluminum oxide vial for cleaning autoclavable endoscope lenses |
| 7210721 | Protective cap for autoclavable scopes. Fits 4.0 mm and 5.5 mm scopes. Package of 70. |

# Specialty Endoscopes (ECTRA® II) and Accessories




Indications: Endoscopic release of carpal ligament, plantar fascia, and the extra-articular lateral ligament

Wide angle of view

Stainless steel construction to withstand sterilization modalities (EtO, Steris®, and Sterrad®)

| REF | Type | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 4144* | Direct-View | 4.0 mm | 30° | 100° | 106 mm | Same Side | 4.0 mm |
| 3896 | Video | 4.0 mm | 30° | 100° | 106 mm | Same Side | 4.0 mm |

## Replacement Parts

Light post Adaptor Sleeve: Fits all Arthroscopes, Hysteroscopes/Cystourethroscopes, and Laparoscopes with 4 mm light post





| REF | Description |
|---|---|
| 7207900* | For Storz® Light Guide, outside threads, full length |
| 4347* | For Smith & Nephew/Wolf® Light Guide |
| 8001701 | Replacement O-ring for videoscope and C-mount couplers |

* Item shown

# Made to Order

Made to Order products have longer production times and are not available for service exchange. Please contact your sales representative or customer service for more information.

## VideoArthroscope, Multimode

Compatible with Smith & Nephew Standard Definition, Autoclavable Camera Heads (470 only)

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 7209911Z | 4.0 mm | 30° | 115° | 160 mm | Same Side | J-Lock | 4.0 mm |
| 7210750 | 4.0 mm | 30° | 115° | 97 mm | Same Side | J-Lock | 4.0 mm |

## VideoArthroscopes, non-autoclavable

Black Focus Ring, 19.5 mm focal length — Compatible with 560 HD Camera.

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 72201689 | 4.0 mm | 30° | 115° | 160 mm | Same Side | J-Lock | 4.0 mm |

## VideoArthroscopes, non-autoclavable

Black Focus Ring, 25 mm focal length — Compatible with 560 HD Camera

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 4486 | 4.0 mm | 30° | 115° | 160 mm | Same Side | J-Lock | 4.0 mm |

## VideoArthroscopes, Non-Autoclavable

Blue Focus Ring, 35 mm focal length — Compatible with 560 HD Camera

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 7210987 | 1.9 mm | 30° | 75° | 65 mm | Opposite | J-Lock | 4.0 mm |
| 3797 | 2.7 mm | 70° | 90° | 70 mm | Opposite | J-Lock | 4.0 mm |

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## Direct-View Arthroscopes, Autoclavable

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 7210694 | 2.7 mm | 0° | 80° | 67 mm | Opposite | J-Lock | 4.0 mm |
| 7210910 | 2.7 mm | 0° | 80° | 120 mm | Opposite | J-Lock | 4.0 mm |
| 72202089 | 4.0 mm | 45° | 115° | 157 mm | Opposite | J-Lock | 4.0 mm |
| 72202090 | 4.0 mm | 0° | 115° | 160 mm | Opposite | J-Lock | 4.0 mm |
| 72200733 | 2.7 mm | 70° | 80° | 119 mm | Opposite | J-Lock | 4.0 mm |
| 72201747 | 2.7 mm | 30° | 80° | 67 mm | Same side | J-Lock | 4.0 mm |

## Direct-View Arthroscopes, Non-Autoclavable

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Cannula Connection | Recommended Light Cable |
|---|---|---|---|---|---|---|---|
| 3948 | 2.7 mm | 70° | 90° | 70 mm | Opposite | J-Lock | 4.0 mm |

## Specialty Endoscopes — Compatible with SD cameras

| REF | Type | Focal Length | Outer Diameter | Direction of View | Field of View | Working Length | Light Post Direction | Recommended Light Cable |
|---|---|---|---|---|---|---|---|---|
| 4139Z | Video | 25 mm | 4.0 mm | 30° | 115° | 106 mm | Same Side | 4.0 mm |

# Laparoscopes



Light post opposite direction of view

## Direct-View Autoclavable Laparoscopes

Stainless steel construction to withstand sterilization modalities (autoclave, EtO, Steris®, and Sterrad®)

Fully autoclavable, with both distal and proximal ends uniquely soldered for longevity

Autoclavable laparoscopes have sapphire distal lenses and rear ocular windows for much greater scratch resistance than conventional glass

Indications include thoracic surgeries

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Recommended Light Cable |
|---|---|---|---|---|---|
| 7207944 | 10 mm | 0° | 84° | 320 mm | 5.0 mm |
| 7207945 | 10 mm | 30° | 84° | 320 mm | 5.0 mm |
| 7207946 | 10 mm | 45° | 84° | 320 mm | 5.0 mm |
| 72202110 | 5.5 mm | 0° | 84° | 290 mm | 5.0 mm |
| 72202111 | 5.5 mm | 30° | 84° | 290 mm | 5.0 mm |
| 72202112 | 5.5 mm | 45° | 84° | 290 mm | 5.0 mm |
| 7208333† | 5.0 mm | 0° | 84° | 290 mm | 4.0 mm |
| 7208332† | 5.0 mm | 30° | 84° | 290 mm | 4.0 mm |

†Indications include harvesting of superficial vessels of the lower extremities.

## Direct-View Autoclavable Bariatric Laparoscopes

Stainless steel construction to withstand sterilization modalities (autoclave, EtO, Steris®, and Sterrad®)

Fully autoclavable, with both distal and proximal ends uniquely soldered for longevity

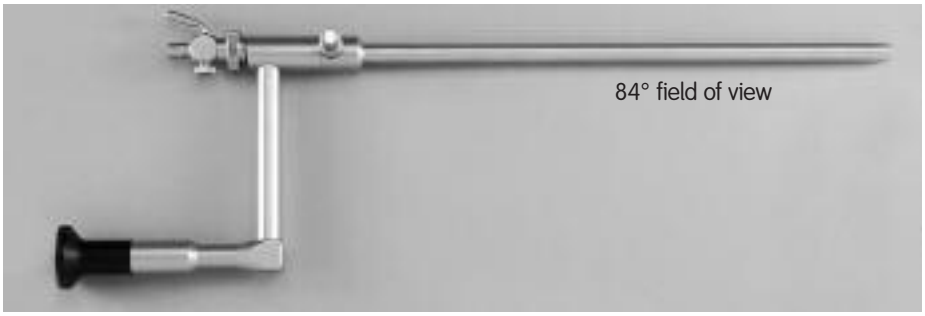
Autoclavable laparoscopes have sapphire distal lenses and rear ocular windows for much greater scratch resistance than conventional glass

Indications include bariatric surgeries

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Recommended Light Cable |
|---|---|---|---|---|---|
| 7211077 | 10 mm | 30° | 84° | 450 mm | 6.0 mm |
| 7211078 | 10 mm | 0° | 84° | 450 mm | 6.0 mm |
| 7211079 | 10 mm | 45° | 84° | 450 mm | 6.0 mm |

| REF | Description | | | | |
|---|---|---|---|---|---|
| | OD | DOV | FOV | Working Lens | Light Cable |
| 72202463 | 10mm | 0 | 81° | 330mm | 5.0 mm |
| 72202464 | 10mm | 30 | 81° | 330mm | 5.0 mm |
| 72202465 | 10mm | 45 | 81° | 330mm | 5.0 mm |

# Laparoscopes




## Direct-View Operative Laparoscopes

Stainless steel construction to withstand sterilization modalities (EtO)

Wide angle of view

Indications include general and gynecological laparoscopic procedures

| REF | Outer Diameter | Direction of View | Eyepiece Offset | Working Length | Operating Channel | Recommended Light Cable |
|---|---|---|---|---|---|---|
| 7205549 | 10 mm | 0° | 90° | 270 mm | 5 mm | 5.0 mm |

# Endoscope & Laparoscope Accessories

## Accessories for Autoclavable Endoscopes

| REF | Description |
|---|---|
| 7205548 | Aluminum oxide vial for cleaning autoclavable endoscope lenses |
| 7210721 | Protective cap for autoclavable scopes. Fits 4.0 mm and 5.5 mm scopes. Package of 70. |

## Direct-View Operative Laparoscope Accessories

| | |
|---|---|
| 7205560 | Replacement Stopcock, 45° offset |
| 7205777 | Replacement Stopcock, 90° offset |
| 7205561 | Replacement Seal Caps, box of 5 |

# Hysteroscopes/Cystourethroscopes and Hysteroscopic Sheaths



Light post opposite direction of view

Direct-View Autoclavable Hysteroscopes/Cystourethroscopes†
Light post opposite direction of view. Stainless steel construction to withstand sterilization modalities (Autoclave, EtO, Steris®, and Sterrad®)

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Sheath Style | Recommended Light Cable |
|---|---|---|---|---|---|---|
| 7205463 | 4.0 mm | 0° | 101° | 300 mm | Storz | 4.0 mm, |
| 7205465 | 4.0 mm | 30° | 101° | 300 mm | Storz | 4.0 mm, |
| 7205462 | 4.0 mm | 70° | 101° | 300 mm | Storz | 4.0 mm, |

† Indications for Use: Hysteroscopes and accessories (Operative Hysteroscopic Sheath) are used to permit viewing of the cervical canal and the uterine cavity for the purpose of performing diagnostic and surgical procedures. Cystourethroscopes are indicated for use in the examination of the bladder, urethra, and distal ureter, and, using additional accessories, to perform various diagnostic and therapeutic procedures.

## Hystereoscopic Sheaths





| REF | Description |
|---|---|
| 4512 | 5.0 mm Diagnostic Hysteroscopic Sheath, 15 Fr, single stopcock |
| 7204513 | 7.0 mm Operative Hysteroscopic Sheath, 21 Fr, with one 2.9 mm working channel, double stopcocks |

# Made to Order
## Laparoscopes

Made to Order products have longer production times. Please contact your sales representative or customer service for more information.

### Direct-View Laparoscopes

Stainless steel construction to withstand sterilization modalities (EtO, Steris®, and Sterrad®)

Wide angle of view

Indications include thoracic surgeries

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Recommended Light Cable |
|---|---|---|---|---|---|
| 7208328Z† | 5.0 mm | 30° | 84° | 290 mm | 4.0 mm |

†Indications include harvesting of superficial vessels of the lower extremities.

### Direct-View Operative Laparoscopes

Stainless steel construction to withstand sterilization modalities (EtO)

Wide angle of view

Indications include general and gynecological laparoscopic procedures

| REF | Outer Diameter | Direction of View | Eyepiece Offset | Working Length | Operating Channel | Recommended Light Cable |
|---|---|---|---|---|---|---|
| 7205466 | 10 mm | 0° | 45° | 270 mm | 5.0 mm | 5 mm |

### MicroLaparoscopes

Stainless steel construction to withstand sterilization modalities (EtO, Steris, and Sterrad)

Indications include general and gynecological laparoscopic procedures

| REF | Outer Diameter | Direction of View | Field of View | Working Length | Recommended Light Cable |
|---|---|---|---|---|---|
| 7208334Z | 3.0 mm | 0° | 80° | 277 mm | 4.0 mm |

# N

# Surgical Video

## Product Highlights


Smith & Nephew 560P Camera Control Units.....N-1

Smith & Nephew 450P/460P Camera Control Units.....N-2

Smith & Nephew 470H Progressive Scan Autoclavable Camera Head.....N-3




**560P HD Camera Control Unit**
Providing exceptional versatility for endoscopic procedures in all OR settings.

560P Camera Control Unit Page N-1