Adapting to Olympus Small Caliber Endoscopes (non-GI*)

* Instruments for the Airway, Nasopharyngeal Lumens and/or Tracheobronchial Tree
Groups A and B type instruments ONLY as described below

**Group A**

#16018 Suction Valve Cylinder Adapter
Metal fitting snaps into Suction Cylinder (GREEN TUBING)

#16021 Instrument/Biopsy Channel Adapter
Includes rubber port cap from Olympus MAJ-222 (OPAQUE TUBING)

*See Note 2 below.

**Group B**

#16018 Suction Valve Cylinder Adapter
Metal fitting snaps into Suction Cylinder (GREEN TUBING)

#16021 Instrument/Biopsy Channel Adapter
Includes rubber port cap from Olympus MAJ-222 (OPAQUE TUBING)

#16007 Irrigation Channel Adapter
To luer connector port (OPAQUE TUBING)

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**CAUTION:** Following endoscope OEM recommendations, remove and clean all detachable scope components (valves, biopsy caps, etc.) Use all appropriate adapters as reviewed during In-Service. To confirm channel connectivity refer to In-service Form or Scope Adaptation Charts. If there are any questions on adapting endoscopes or if new scope models become available, please contact Custom Ultrasonics.

**NOTE 1:** Prior to ordering adapters, confirm the specific connector at the end of each adapter that plugs directly into the system 83 Plus manifold.

The Endoscope Connection Diagram is for reference purposes only — the illustration shown may not represent a specific model instrument.

Refer to Scope Adaptation Charts for the specific endoscope model and recommended adapters:

**Group A**
- Accepts MAJ-209 S valve & has a standard circular Biopsy port
  - (Ex. BF-160/180/200/240-series, BF-30/40/60-series, ENF-V12, MAF-IM)
  - CU AER adapters = 16018 (S Cyl) and 16021 (Biopsy/Inst port)

**Group B**
- Same ports as Group A plus has an irrigation channel w/luer fitting
  - (Ex. EBUS – BF-UC160F/UC160F-OL8)
  - CU AER adapters = 16018 (S Cyl), 16021 (Biopsy/Inst port) & 16007 (Irrigation)

**NOTE 2:** For certain CU adapter tubes (ex. 16016 and 16021) an Olympus MAJ-222 adapter must be sent to Custom Ultrasonics before the CU adapter can be assembled, inspected and shipped.
Adapting to Olympus Small Caliber Endoscopes (non-GI*)

* Instruments for the Airway, Nasopharyngeal Lumens and/or Tracheobronchial tree

Groups C and D type instruments ONLY as described below

**Group C**

*Suction Connector

*Suction Valve Cylinder Adapter
Includes Suction Cylinder Cap from Olympus MAJ-222
(OPAQUE TUBING)

*Suction Connector remains uncapped ("open")

See Note 2 below.

**Group D**

*Suction Valve Cylinder Adapter
Metal fitting snaps into Suction Cylinder
(GREEN TUBING)

*16007 Instrument/Biopsy Channel Adapter
To luer connector port
(OPAQUE TUBING)

*16018 Suction Valve Cylinder Adapter

CAUTION: Following endoscope OEM recommendations, remove and clean all detachable scope components (valves, biopsy caps, etc.) Use all appropriate adapters as reviewed during In-Service. To confirm channel connectivity refer to In-service Form or Scope Adaptation Charts. If there are any questions on adapting endoscopes or if new scope models become available, please contact Custom Ultronics.

**NOTE 1:** Prior to ordering adapters, confirm the specific connector at the end of each adapter that plugs directly into the system 83 Plus manifold.

The Endoscope Connection Diagram is for reference purposes only – the illustration shown may not represent a specific model instrument.

Refer to Scope Adaptation Charts for the specific endoscope model and recommended adapters:

**Group C**
Accepts MD-493 S valve; has a permanent S connector & no Biopsy port
(Ex: BF-20 series, LF-2/P-series, ENF-T3
CU AER adapters = 16016 (S Cy) – S connector remains "open"

**Group D**
Accepts MAJ-209 S valve & has a female luer Biopsy port
(Ex: LF-V/MAF-GM
CU AER adapters = 16018 (S Cy) and 16007 (Biopsy/Inst port)

**NOTE 2:** For certain CU adapter tubes (ex. 16016 and 16021) an Olympus MAJ-222 adapter must be sent to Custom Ultronics before the CU adapter can be assembled, inspected and shipped.