Adapting to Pentax Immersible 30/40 and 70/80/90 Series GI Endoscopes**

WITH PUSH IN AIR/WATER & SUCTION VALVES

1. Unscrew Water jet Channel access port.
   (OE-C12 for 70/80/90 Series and OF-B115 for 30/40 Series)
2. Remove and reprocess rubber check valve (OE-C14).
3. Screw in Custom Ultrasonics part #17016E.
4. Insert into 17016E water jet irrigation tube
   (OF-B113) — connected to 17008 OR 17008M for reprocessing.

CAUTION: Do not use part #17016E during procedures.

*Part #16030 is a filter insert that must be replaced every 6 to 8 weeks.

CAUTION: Remove all valves (air/water, suction) and biopsy caps, selector mechanism, etc. consult service manual for proper removal and cleaning procedures of components.
Install certain reprocessing parts supplied with scope and channel adapters supplied at time of In-Service. To confirm proper hook up refer to In-Service Program Report Form and/or Scope Adaptation For All Model Endoscopes Chart. If you have any questions on adapting to your scopes or if you acquire any new scopes not listed on your In-service Program/Report Form please call Custom Ultrasonics.

** This adapter chart for Pentax Flexible Endoscopes illustrates various models and does not represent an actual model.
Adapting to Pentax Immersible Ultrasound Endoscopes**

70K EUS = PUSH-IN VALVES  30 + X SERIES EUS = SCREW-IN VALVES

* Part #16030 is a filter insert that must be replaced every 6 to 8 weeks.

CAUTION: Remove all valves (air/water, suction) and biopsy caps, selector mechanism, etc. consult scope manual for proper removal and cleaning procedures of components. Install certain reprocessing parts supplied with scope and channel adapters supplied at time of In-service. To confirm proper hook up refer to In-Service Program Report Form and/or Scope Adaptation For All Model Endoscopes Chart. If you have any questions on adapting to your scopes or if you acquire any new scopes not listed on your In-service Program/Report Form please call Custom Ultrasounds.

* This adapter chart for Pentax Flexible Endoscopes illustrates various models and does not represent an actual model.

70K = PENTAX OF-B153 or GJ#17000 Valve Cover
30 + X SERIES = PENTAX Plugs (OF-B65, OFBG-3-B, etc.)

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If ordering adapters:
Note the ends of the adapters shown that plug into the System 83 Plus manifold.

Only use Viton O-rings Lubrication with silicon every two weeks
Adapting to Pentax Small Caliber Endoscopes (non-GI*)
*Instruments for the Upper Airway and/or Pulmonary Tract
Groups A and B type instruments ONLY as described below

**Group A**

- #17002 Suction Connector Adapter
  - Blunt end tube to S Connector (GREEN TUBING)
  - Use Pentax Suction Channel Cleaning Adapter (Caps off S Valve Cylinder)

- #17017 Instrument/Biopsy Channel Adapter
  - Male luer to female luer port (OPAQUE TUBING)

**Group B**

- #17002 Suction Connector Adapter

- Use Pentax Suction Channel Cleaning Adapter

- #17017 Instrument/Biopsy Channel Adapter

- #17017 Water injection Channel Adapter
  - Male luer to Pentax OE-B5 tube (OPAQUE TUBING)

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

**Group A**
- Has a permanent S Connector & a luer Biopsy/Inst Chan port
  - Uses a Pentax (S Valve Cyl) adapter cap
    - (Ex. EB-30/70/70K-series, FB-V/X/P-series, FL-P/BS-series, FLN/VNL)
  - CU AER adapters = 17002 (S Connector) and 17017 (Biopsy/Inst port)

**Group B**
- Same ports as Group A plus has a water injection/balloon channel w/ unique connector with threads to secure a Pentax OE-B5 injection tube
  - (Ex. EBUS – EB-1970UK)
  - CU AER adapters = 17002 (S Conn), 17017 (Biopsy/Inst port) & 17017 (Balloon)

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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:** Prior to ordering adapters, confirm the specific connector at the end of each adapter that plugs directly into the system B3 Plus manifold.

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

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PENTAX_A_B_BRCHSCP Rev. A