

### A | POINT OF USE CLEANING

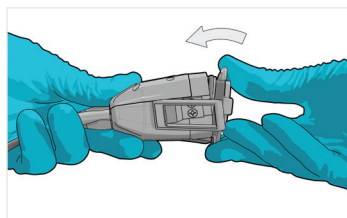
- 1** Prepare 400-450 mL (13.5–15.2 oz) of detergent solution

Soak 3 lint-free gauze pads in the detergent solution

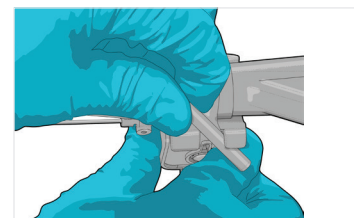
- 2** Detach the transducer extension cable (TEC) and the reusable ultrasound transducer module (UTM)



- 3** Attach the UTM Soaking Cap to the UTM Connector



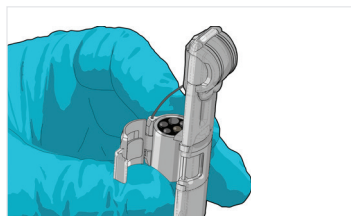
- 4** Detach the UDK-T Rod Band from the endoscope control body



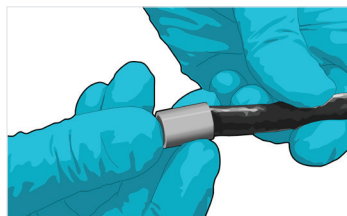
- 5** Unwrap the UDK-T Sheath from around the UTM and endoscope



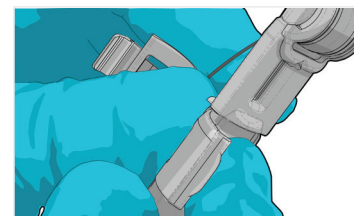
- 6** Undo the Endoscope Latch and remove the endoscope from the UTM and the ultrasound disposable kit (UDK-T)



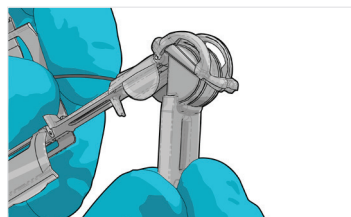
- 7** Remove the Endoscope Sleeve from the endoscope distal tip



- 8** Unsnap the UTM Latch



- 9** Open the UDK-T Transducer Cage and remove the UTM transducer

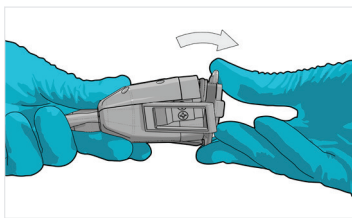


- 10** Wipe the entire length of the UTM with a detergent soaked gauze pad 3 times (use a fresh gauze each time)

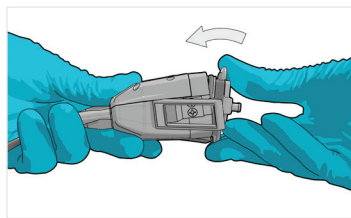
- 11** Transport the UTM to the reprocessing area

### B | AIR LEAK TESTING

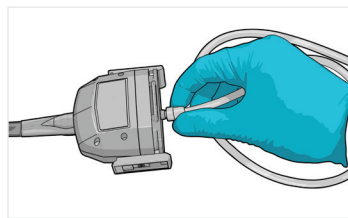
- 1 Detach the UTM Soaking Cap from the UTM Connector



- 2 Attach the UTM Air Leak Test Cap to the UTM Connector



- 3 Connect the Air Leak Tester to the UTM Air Leak Test Cap



- 4 Fill a basin with water to cover the UTM

Pump air into the UTM to a pressure of 120-150 mmHg (2.3-2.9 psi)

Let the gauge needle stabilize for 10 seconds

For this initial pressure measurement, make sure the UTM is straight either horizontal or vertical

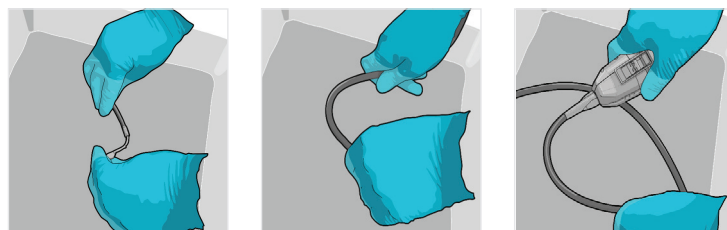
- 5 Record the initial pressure reading

Place the UTM into the basin

Remove surface air bubbles from the UTM with a lint-free gauze

- 6 Set a timer for 2 minutes

During the two-minute test period, and with the UTM underwater, flex the UTM up and down along its length between the distal end and the strain relief



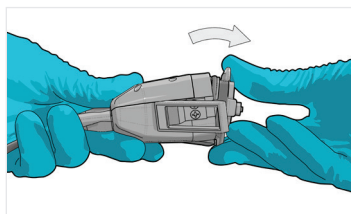
- 7 Record the internal pressure after 2 minutes

Remove the UTM from the basin

Release the air from the UTM cable

Release the air pressure in the UTM

- 8 Remove the Air Leak Test Cap from the UTM connector



- 9 Leak test **PASS**=No escaping air bubbles and maximum decrease in pressure of 2 mmHg (psi)

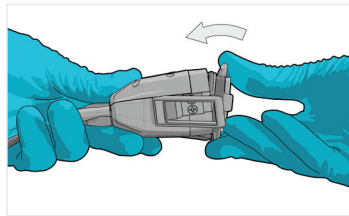
**FAIL**=Air bubbles observed escaping and/or maximum decrease in pressure from the initial reading of greater than 2 mmHg.

### C | MANUAL CLEANING

- 1 Fill a basin with detergent solution to cover the UTM

Fill a second basin with water to cover the UTM

- 2 Attach the UTM Soaking Cap to the UTM Connector



- 3 Place the UTM and Air Leak Test Cap into the basin with detergent solution

- 4 Wash the UTM and Air Leak Test Cap three times, using a fresh gauze pad each time

- 5 Transfer the UTM and Air Leak Test Cap to the basin of rinse water

- 6 **First Rinse:** Move the UTM and Air Leak Test Cap side to side under the rinse water for 30 seconds

**Discard rinse water**

- 7 **Second Rinse:** Transfer the UTM and Air Leak Test Cap to a basin of fresh rinse water and repeat rinse procedure

**Discard rinse water**

- 8 **Third Rinse:** Transfer the UTM and Air Leak Test Cap to a basin of fresh rinse water and repeat rinse procedure

**Discard rinse water**

- 9 Inspect UTM and Air Leak Test Cap for debris under 7X-10X magnification

### D | HIGH-LEVEL DISINFECTION

**1** Fill a basin with high-level disinfectant solution to cover the UTM and Air Leak Test Cap

**2** Fill a second basin with rinse sterile or clean potable water to cover the UTM and Air Leak Test Cap

**3** Place the UTM and Air Leak Test Cap into the basin with disinfectant

Remove surface air bubbles with a sterile lint-free cloth or gauze

Discard the gauze

**4** Soak the UTM and Air Leak Test Cap in disinfectant for the time and at the temperature recommended by the disinfectant manufacturer

#### **5 First Rinse:**

Transfer the UTM and Air Leak Test Cap to the basin of rinse water

Wipe the UTM and Air Leak Test Cap down with a gauze and then move them side to side under the water for 30 seconds

Discard the gauze

#### **6 Second Rinse:**

Transfer the UTM and Air Leak Test Cap to a basin of fresh rinse water

Wipe the UTM and Air Leak Test Cap down with a gauze and then move them side to side under the water for 30 seconds

Discard the gauze

#### **7 Third Rinse:**

Transfer the UTM and Air Leak Test Cap to a basin of fresh rinse water

Wipe the UTM and Air Leak Test Cap down with a gauze and then move them side to side under the water for 30 seconds

Discard the gauze

**8** Transfer the UTM and Air Leak Test Cap to a dry sterile pad

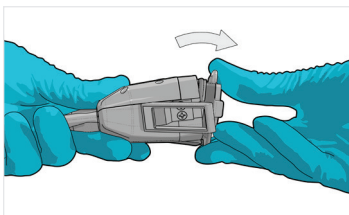
Dry the devices with a sterile cloth

Transfer the devices to a new dry sterile cloth

Inspect the devices for residual debris under 7x-10X magnification

### E | STORAGE AFTER HIGH-LEVEL DISINFECTION

**1** Detach the UTM Soaking Cap from the UTM Connector



**2** Place the UTM, UTM Soaking Cap, and UTM Air Leak Test Cap into a ventilated storage cabinet

**3 UTM Storage:**

Hang vertically by the UTM Connector

Store horizontally looped into a circle 12 inches or greater in diameter

**4 Cap Storage:**

Don't allow the caps to touch each other or the UTM during storage