

Illustrated Processes for Mechanical (Wet) Leak Testing

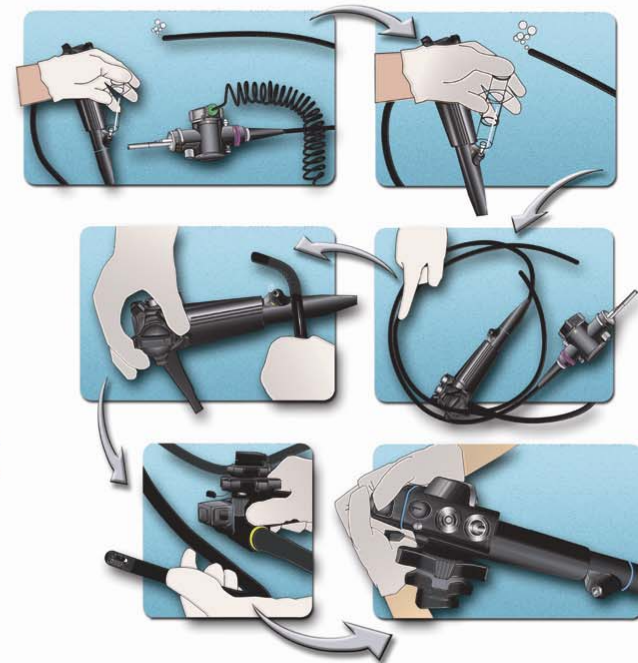
Before Submersing Scope in Water

- ✓ Remove detachable parts from scope
- ✓ Check light guide prong for tightness
- ✓ Fill sink with water to a depth that will cover the scope
- ✓ Attach fluid resistant cap to scope
- ✓ Plug leak tester into air supply
- ✓ Connect leak tester to scope
- ✓ Turn on air supply and inflate scope
- ✓ Validate by sight or touch that bending sheath has inflated



While Under the Water

- ✓ Coil scope in a large loop, preferably in a sink that is at least 24" on the diagonal
- ✓ Completely submerge scope with 2 inches of water covering top of scope
- ✓ Flush water through valves and biopsy ports to remove trapped air
- ✓ Starting at distal tip, look at all points on the scope where one type of material meets another, inspecting all joints
- ✓ Starting at light guide prong, look at all parts that have attachments
- ✓ Angulate scope in all directions looking at bending sheath and control knobs
- ✓ Articulate elevator or forceps raiser looking at distal tip and at control lever
- ✓ Massage all video switches
- ✓ Observe scope for a minimum of 90 seconds
- ✓ Remove scope from sink



After Removing From Water

- ✓ Turn off the air supply
- ✓ Unplug leak tester; listen for a whoosh of air to escape
- ✓ Assure by sight or touch that the bending rubber has deflated
- ✓ Disconnect leak tester from scope
- ✓ Have a policy to modify reprocessing should a leak be discovered
- ✓ Do not remove fluid resistant cap until cleaning and reprocessing is complete

