



# Preparing the Water Standoff System for Endorectal Scanning with Anorectal Transducer Type 2052

## Quick Reference

### The Water Standoff System

These instructions should be used together with the user guide for anorectal transducer 2052 (BB1804). In addition to the transducer, you will need:

- Water standoff collar UA0671 with O-ring UA0674
  - Water standoff covers (UA0037, UA005, or UA0068)
  - Glycerin-based lubricant gel such as UA0675
  - Rectosigmoidoscope with obturator (UA0672, UA0673, or UA0681)
  - Plastic extension tube UA0676 \*
  - 2-way stopcock UA0677 \*
  - Plastic syringe UA0678 \*
- \* Included with the transducer collar, but also available separately*



**Caution:** If you use a rectosigmoidoscope that you do not purchase from BK Medical, it must be fully cylindrical and have an inner diameter of at least 21 mm.



**WARNING** Because of reports of severe allergic reactions to medical devices containing latex (natural rubber), FDA is advising health-care professionals to identify their latex-sensitive patients and be prepared to treat allergic reactions promptly.

### Clean and disinfect the equipment

The transducer, water standoff collar, O-ring, rectosigmoidoscope, and obturator must be cleaned and disinfected with a suitable solution before use. The water standoff collar and the rectosigmoidoscope with obturator (UA0672 or UA0673) can be autoclaved.

### Align the transducer collar

Use a little water to moisten the silicone O-ring inside the transducer collar.

Gently slide the transducer collar over the transducer. Do not use force. (See the assembly guide BB1983 for an illustrated guide to inserting O-rings UA0674.)

Make sure that the Luer lock valve on the transducer collar is in line with the index marker pin on the transducer.

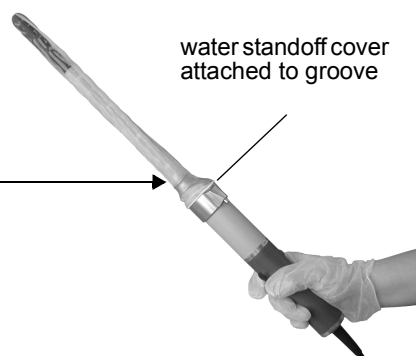


## Attach and secure the water standoff cover

Check the water standoff cover for tears.

Pull a water standoff cover over the transducer, attaching it to the groove on the transducer collar.

Secure the water standoff cover in place with 2 or more silicone rubber bands (silicone rubber bands are supplied with water standoff covers).



## Add degassed water

Fill the syringe with degassed water. Use the 2-way stopcock and plastic extension tube to attach the syringe to the Luer Lock valve on the water standoff collar.

Fill the water standoff cover with approximately 50 ml of degassed water.

## Remove air bubbles

Air bubbles may appear in the water standoff cover. You must remove them to avoid artifacts on the ultrasound image.

Hold the transducer with the water standoff cover pointing downwards, and use the syringe to draw off as much air as possible.

Refill the water standoff cover with degassed water.

Repeat this procedure until there is no air left in the water standoff cover.



## Remove excess water

Remove enough water from the water standoff cover to allow the setup to pass through the rectosigmoidoscope.

## Lubricate the cover surface

Lubricate the entire outer surface of the water standoff cover with a glycerin-based lubricant such as UA0675.



**Caution:** Do **not** introduce the transducer with water standoff system into a rectosigmoidoscope without first lubricating the outer surface of the water standoff cover. Without lubrication, you may not be able to retract the transducer from the rectosigmoidoscope. This can damage the transducer.



**Caution:** If the transducer cannot be withdrawn from the rectosigmoidoscope, contact your local BK Medical representative immediately.