

Technical Release Bulletin SQA Sperm Quality Analyzer Capillary Compartment Cleaning Kit Instructions for all SQA and QwikCheck Systems

The SQA cleaning procedure has been updated for ease of maintenance and for system reliability. It was found that improper or excessive cleaning with more than one drop of cleaning fluid may impact the system over time. Please note that the new procedure differs from the previous version in the following three ways:

- Use of the 6" wooden electrostatic brush "long brush" is now **STEP 1** and should be done **DAILY**.
- Use of the "blue dot cleaning paddle" is different, is **STEP 2** and is performed **WEEKLY** (instead of daily)
- New cleaning kits will include the updated instructions and will have an outside label indicating a new kit.

When to clean: **DAILY (step 1), WEEKLY (step 2)**

- or if Self-test or any other failure occurs
- or if System becomes contaminated with semen

Cleaning kit contents:

- Long cleaning brush
- Blue "dot" cleaning capillaries
- Sponge drying capillaries
- Cleaning fluid

Cleaning: Step 1 (DAILY)

1. Insert the long brush (bristle-side down) fully into the upper portion of the lower chamber of the system in the same manner as a testing capillary (Fig. 1).
2. Pull the brush out applying downward pressure to sweep or "dust off" the optics (you will feel a "shelf" in the back/top section of the chamber) - (Fig. 2 and 3)
3. Monitor the systems "REF. 2" parameter. It should be between 2,800 and 3,200 mV if possible.



Fig. 1 Cleaning Brush



Fig. 2 Lower Chamber



Fig. 3 "Dusting off"

Cleaning: Step 2 (WEEKLY)

1. Select a Blue dot cleaning capillary (Fig.4)
 - Moisten with **ONE** drop of cleaning fluid
 - Shake off excess fluid
 - Insert into measurement compartment with blue dot and fibrous and material facing **DOWN ONLY** (Fig.5)
 - Move cleaning capillary in and out three times.
2. Insert the sponge-tipped drying capillary into the testing chamber and leave it for 10 seconds (Fig.6)



Fig.4 Fibrous Material Blue Dot Cleaning Capillary



Fig.5 Insert into measurement Compartment



Fig.6 Sponge Tipped Drying Capillary

NOTE: Do not move this drying capillary in and out.

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