

### Product And Manufacturer Information

<b>Contents:</b>	1 - pH Electrode refillable. 1 - Unidose Fill Solution with Filling Needle (replacement fill kits = SM-478533D)
<b>Intended Use:</b>	Use with Siemens, Chiron and Bayer Diagnostics Analyzers: 200 Series, 800 Series, 634, 238, 248, & 348 Blood Gas and Electrolyte Analyzers
<b>Storage:</b>	Store the pH electrode at room temperature (18-25°C) until you are ready to use it in your system.
<b>Precautions:</b>	Please check that the electrode is $\frac{3}{4}$ filled with Fill Solution prior to installation and no air bubbles in the fill chamber near the membrane sample path area.

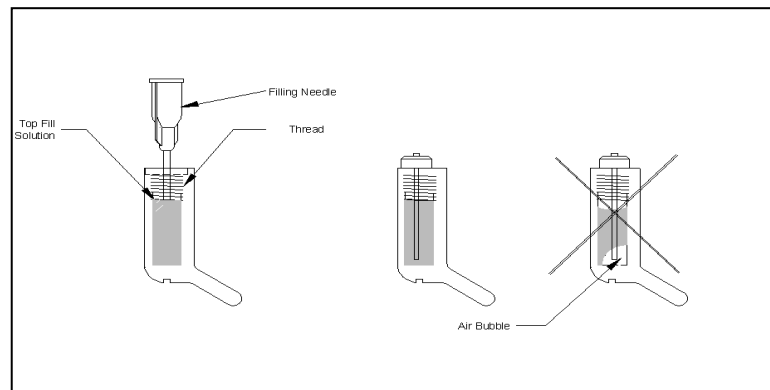
Diamond Diagnostics, 333 Fiske Street, Holliston, MA.

**For Technical Assistance call:**

Diamond Diagnostics Technical Services at 1-508-429-0450

### Installation

- 1 Check that the electrode is  $\frac{3}{4}$  filled with Fill Solution. If it is not  $\frac{3}{4}$  full, see step 8 to refill the electrode.
- 2 Check for air bubbles in the fill chamber near sample path. If there are any, tap the electrode body to dislodge air bubbles.
- 3 Verify that the O-rings are in place on the electrode body.
- 4 Install electrode in your system.
- 5 Allow the electrode to equilibrate for at least 15 minutes.
- 6 Perform a two-point calibration.
- 7 Analyze a quality control sample.
- 8 To re-fill electrode:
  - a Unscrew the inner electrode from the electrode body. Do not touch the inner electrode wire. The wire is fragile and is easily damaged.
  - b Empty the fill solution remaining in the electrode body.
  - c Taking extra caution not to touch the sample path area – using the unidose fill solution with filling needle placed on the end, slowly add fill solution into the electrode body from the bottom up. Fill to just below the inside threads. Flush electrode by shaking fill solution out of the body, and fill again as above. See Drawing Below.
  - d Screw the inner electrode back into the electrode body.
  - e Tap the electrode body to dislodge any air bubbles from the electrode.
  - f Verify inner electrode is sufficiently submerged ( $\sim \frac{3}{4}$  submerged) in fill solution. If necessary add or remove fill solution accordingly. See Drawing Below.



- g Wipe any excess fill solution from the exterior of the electrode body with a lint-free tissue.

### Warranty

Warranty is calculated 6 months from the date of shipment from Holliston, MA.

