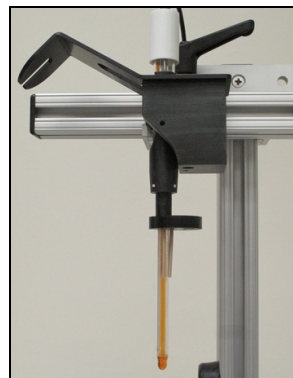


Gemini Profiler™ Electrode Upgrade

Pion proudly announces an improvement in the Gemini Profiler. The legendary Ross electrode now replaces the standard Pion electrode*. The Ross electrode features improved accuracy, stability and provides a much longer lifetime. The upgrade also requires a new electrode holder specifically redesigned for the unique dimensions of the Ross.

- Ross Electrode
- Drift < 0.002 pH units/day
- Accurate to 0.03 pH units
- Response speed within 30 seconds
- Pion QC tested
- Redesigned electrode holder
- User replaceable



A User Installed, Basic Upgrade

Removing the current electrode block is easily accomplished by removing two screws that fasten it onto the bracket. The new electrode block is installed, the dispenser capillaries are added and the Ross electrode is slid into place. In only a few minutes, the Gemini is back in service.

Flexible Pion Support

While this upgrade is easily performed by the customer, Pion also offers two other upgrade options.

- Onsite Pion Upgrade
- Factory Upgrade

For the **Onsite Upgrade**, Pion will upgrade the block and electrode, reinstall the Gemini at your location. A suite of tests will be conducted to check and verify instrument performance. During this one day visit, Pion can also provide limited training for new users. Full two day training is recommended to cover full operation on pKa, log P and solubility assays; this is provided with the **OSU PLUS** option.

For the **Factory Upgrade** option, Pion will conduct all work in our factory and ship the instrument back to your lab, ready for use. Typical turnaround is 2-3 weeks.

Part Numbers

BaU	Basic Upgrade includes electrode block and Pion QC tested, Ross electrode	\$900
OSU	On Site Upgrade includes Basic Upgrade parts, performance testing and travel	\$3900
OSU-PLUS	On Site Upgrade Plus 1 day installation training	\$4900
FaU	Factory Upgrade includes Basic Upgrade parts, base syringe, factory preventative maintenance, QC testing and report	\$2500

**the Pion electrode is no longer available*

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