

Information included in your Advanced Instruments' osmometer user guide has changed.

The details of the changes pertain to our manufacturer-recommendation for quality control and are outlined in the addendum below.

Addendum added March 1, 2020.

For more information, contact us at info@aicompanies.com

Update to manufacturer recommendation for quality control addendum

Advanced Instruments provides new guidance for the quality control procedure for your osmometer. This page describes quality control materials recommended by Advanced Instruments for use with all Advanced Instruments osmometers in clinical laboratories. Advanced Instruments recommends that you update your standard operating procedures to incorporate these materials into your quality control management system to verify instrument performance prior to testing patient specimens.

Prior to testing patient samples, osmometer operators should test **Clinitrol™ 290 Reference Solution** as part of your laboratory's quality control procedure. Clinitrol 290 Reference Solution is a NIST traceable reference designed to verify the osmometer's calibration. Clinitrol 290 single use vials should be discarded after a single day of use.

If you use your osmometer to test serum, plasma, stool or tissue homogenate you should test **Protinol™ Protein Based Serum Controls** as part of your quality control procedure prior to testing patient samples. Protinol Controls are formulated to mimic protein-based body fluids at 240, 280, and 320 mOsm/kg H₂O.

If you use your osmometer to test urine, you should test **Renol™ Urine Osmolality Controls** as part of your quality control procedure prior to testing patient samples. Renol Controls are formulated to mimic urine at 300 and 800 mOsm/kg H₂O.

NOTE: Use of third-party controls or calibrators will impact the instrument warranty and may affect instrument performance.

