



Amendment of EPA BAM-1020 Designations to Permit PM₁₀ Inlets From Alternate Suppliers

EPA has amended Met One's designations on the BAM-1020 for PM₁₀, PM_{2.5} and PM_{10-2.5} to allow these methods to include PM₁₀ inlets supplied by manufacturers other than Met One, so long as they conform to the specifications set forth in Appendix L, 40CFR §50 (US Code of Federal Regulations). This change was made as a cost-saving measure as many BAM-1020 users install our equipment as a replacement for reference method samplers from other manufacturers. Such samplers will generally have a PM₁₀ inlet that can be used with the BAM-1020. When using inlets supplied by other manufacturers with the BAM-1020, Met One recommends that the following precautions be observed:

- Only the current “louvered” top plate design (not the older “flat plate” design) is designated for use with the BAM-1020. Use of the old-style flat plate inlets with the BAM-1020 might facilitate the aspiration of water into the instrument and could lead to damage. The BAM-1020 used with the flat plate PM₁₀ inlet is not a designated EPA method.
- The inlet must be checked for a proper tight fit on top of the inlet tube or PM_{2.5} cyclone. If the fit is excessively loose, then the top of the inlet tube can wear, become damaged and lead to measurement artifacts. A loose-fitting PM₁₀ inlet from a different manufacturer should not be used with the BAM.
- The same maintenance schedule for a PM₁₀ inlet manufactured by Met One Instruments (P/N BX-802) would apply to PM₁₀ inlets supplied by other manufacturers.

EPA has informed Met One that equivalent method designations from other suppliers will be modified in a similar manner to permit substitution of PM₁₀ inlets provided by alternate manufacturers.

If you have any questions concerning the modification to our designations to the BAM-1020, contact our service department.



Met One Model BX-802 PM10 Inlet