



**TELEDYNE
INSTRUMENTS**

Advanced Pollution Instrumentation

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Service Note

**97-022 Rev B
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“BRICK” O₃ GENERATORS

This service note is to bring your attention to the fact that we have a new ozone generator. We have begun installing it in some units (domestic and international) to get field data. This new ozone generator is installed in all units shipped to countries that require CE Mark as the old ozone generator would fail the VDE requirement. It also is the standard ozone generator for the M200AH.

We refer to this new ozone generator as the “brick.” As we at API continue to improve the operation and reliability of our products, the brick ozone generator is designed to use a solid state power supply to regulate power and a potted assembly which houses the silent discharge tube. The generator cartridge transformer assembly is potted to eliminate corona and increase safety. The module cannot be disassembled or repaired if failed.

This new ozone generator looks different than the other ozone generator used by API. We have high confidence that this new ozone generator will replace our older family of ozone generators with higher reliability and longevity. Time will tell if we have accomplished this goal.

The brick is 100% compatible with all of the API analyzers. The part numbers for the various brick versions are as follows:

Model #	Old O₃ Gen. Part #	New O₃ Gen. Part #
M200	001430000	Kit - 1
M200A	011330000	Kit - 2
M251	001430000	Kit - 8
M252	001430000	Kit - 9
M200AH	016810000	same

The part number for the solid state control is 01668 and the part number for the generator cartridge is 01835.