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**Functional Description:**

Mobile vehicle mounted analytical laboratory can be easily deployed, conducts on-site chemical analysis with the ability to identify and quantify the broadcast possible spectrum of unknown organic substances

**General Description:**

The mobile gs ms is comprised of a gc/ms, a multi-tube thermal desorption unit; a tube conditioner; a nitrogen generator; a hydrogen generator; a glove box and computer module (hardware and software needed for chemical analysis. A sample collection kit, sample preparation kit and tool kit is used with the mobile gc/ms hardware. This equipment is mounted in a temperature controlled commercial ford e-350 super cargo van with a roof mounted air conditioner and belly mounted 7kw generator; the mobile gc ms system is 235 inches length, 80 inches width, 93 inches height, 130 square feet, 1012 cubic feet and weight of 8500 pounds. Power requirements are internal 7kw generator

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No