

SAMPLER KIT AIR (NOT AVAILABLE)

MANUFACTURER: THERMOFISHER

Manufacturer Model# Partisol 2000

Manufacturer's PHONE: (508) 482-7000 FAX: (508) 634-2110

Manufacturer's Website: <<http://www.thermo.com>>

Item Web Link:

<<http://www.thermo.com/com/cda/product/detail/1,,10122674,00.html>>

AAC 'L' ITEM NSN 6665-01-462-4319

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$18,402.30

System Description: THIS PRODUCT IS NO LONGER OFFERED.

The Partisol Model 2000 Air Sampler is a flexible manual air sampling platform for the measurement of particulate matter and organics in ambient air. The hardware is a USEPA method for the sampling of PM-10 (RFPS-0694-098), and can be easily fitted with sample inlets for PM-2.5, PM-1 and TSP monitoring. It has also been tested by the TUV in Essen, Germany, for compliance with the European EN12341 PM-10 sampling method. The sampler represents a major advance in air sampling technology, incorporating such innovations as a hub and satellite configuration, flexible microprocessor control, and ActiVol flow control.

Major air pollution monitoring agencies, private enterprises and consulting companies worldwide employ the Partisol Sampler to generate quality-assured particulate mass measurements of ambient air. It can be configured in a variety of ways to respond to specialized air monitoring needs with minimal expense and effort. Its unique feature set has prompted an increasing number of organizations to supplant high volume samplers with Partisol.

Features:

- Choice of standard 47 mm diameter U.S. EPA-approved filter media for regulatory PM-10 measurements.
- Exposed collection filters can be analyzed for using standard laboratory techniques such as AA and ICP.
- Filter exchange made easy by quick-exchange filter mechanism and filter cassettes.
- ActiVol flow control system maintains a constant user-selectable volumetric flow rate by incorporating a mass flow controller, ambient temperature sensor and ambient pressure sensor. The system reports sampled volumes in standard units (standard m3).
- Collection hardware includes single 47 mm filters, polyurethane foam (PUF) samplers and multi-stage filter packs.
- Direct flow audit and calibration procedures using NIST-traceable standards.
- Hub and satellite configuration allows up to three cost-effective satellite units to be controlled by a Partisol hub sampler.
- Microprocessor allows for simple setup of 24-hour and conditional. Operating data are stored internally for viewing and downloading.
- RS232 and analog interfaces provide advanced communication capabilities.
- Low noise--appropriate for indoor monitoring.
- Low maintenance requirements through the use of durable components and long-life vacuum pump.

NOTE: THIS ITEM IS NO LONGER AVAILABLE



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PART # Partisol 2000
NSN 6665014624319**



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PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

| | | |
|---------------------------|--|---------------------------------|
| Item Dimensions | Height (Inches) | 24 |
| | Width (Inches) | 13 |
| | Length (Inches) | 6 |
| | Cube (Cubic Feet) | 1.0833 |
| | Weight | 70 lb |
| Ship Dimensions | Height (Inches) | 0 |
| | Width (Inches) | 0 |
| | Length (Inches) | 0 |
| | Cube (Cubic Feet) | 0 |
| | Weight | |
| Storage Temp | | |
| Operating Temp | | -40° to 122° F |
| Storage Humidity | | |
| Operating Humidity | | |
| Amps | | 2.2A@120VAC, 1.1A@240VAC |
| Watts | | |
| Power Requirements | 20/240 VAC | |
| Notes | Sample Flow: 5 to 18 L/min Filters: 47mm Quartz, Teflon-coated glass fiber or Teflon membrane Interfaces: RS-232 interface, 2 analog inputs, windvane/anemometer connector, 1 analog output Particle Size Cutpoints: PM-10, PM-2.5, PM-1 or TSP | |

**SAMPLER KIT AIR (NOT AVAILABLE)
ACCESSORIES & CONSUMABLES - STARTUP**

| NSN | Notes | Nomenclature | MFR PN ThermoFisher | DIST PN | QTY | UI | Unit Price | Total Price | Shelf Life Mon. |
|---------------|-------|---------------------------------|------------------------|---------|-----|----|-------------|-------------|-----------------|
| 6665014624319 | | Sampler Kit Air (NOT AVAILABLE) | 99-002312-0120 | | 1 | EA | \$18,402.30 | \$18,402.30 | N/A |