

# BAM-1022 BETA ATTENUATION PARTICULATE MONITOR, PM2.5

## SERVICE MAINTENANCE, REPAIR, SPARE PARTS

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### REPAIR AND FIELD MAINTENANCE

A complete repair and service department is maintained at our factory in Grants Pass, Oregon, and at our regional service facility in Dallas, Texas. Most repairs can be made in the field by a simple substitution of components. Some repairs do require recalibration following the replacement of faulty components. If calibration standards are not available, the instrument can be returned to our service facility. The turn around time is generally less than five (5) working days.

### RETURN AUTHORIZATION

Prior to any product return, please contact the factory for a return authorization number.

### BASIC SERVICE(S)

| ORDER # | DESCRIPTION  |
|---------|--|
| SVC4107 | DYNAMIC CALIBRATION OF E-BAM, E-BAM PLUS, BAM-1022<br>Minor Maintenance, Full Diagnostic check of system parameters<br>Includes Calibration to Standard<br>New Calibration Certificate traceable to NIST Standards |

### CONSUMABLES

| PART # | DESCRIPTION                                      |
|--------|--|
| 460180 | BAM FILTER TAPE (2 1/2 MONTH OPERATION PER TAPE) |
| 995217 | APPLICATOR, COTTON TIPPED (6" WOOD STEM/100PK)   |
| 8150   | CORE TUBE, FILTER TAPE, BAM 1020, E-BAM PLUS     |
| 580292 | FILTER ELEMENT, INTERNAL DEBRIS FILTER           |
| 720105 | REPLACEMENT O-RINGS, BX-808 VSCC                 |
| 8965   | REPLACEMENT O-RINGS, BX-802, PM-10 HEAD          |
| 720069 | REPLACEMENT O-RING, BAM INTAKE HEAD              |
| 720066 | NOZZLE O-RING, .549 ID X .755OD X .103 W         |

### INTERNAL REPLACEABLE PARTS

|        |                                     |
|--------|-------------------------------------|
| 82056  | FLOW SENSOR, BAM-1022               |
| 80212  | FILTER RH SENSOR, BAM-1022          |
| 80213  | FILTER TEMPERATURE SENSOR, BAM-1022 |
| 80215  | FLOW CONTROLLER ASSY                |
| 9185   | TAPE SPOOL COVER, BAM-1022          |
| 590811 | FUSE, 3.15A, SLO-BLO (5X20MM)       |

### PUMPS

|        |   |
|--------|---|
| 82044  | REPLACEMENT PUMP ASSY., MEDO, 120V, BAM 1022              |
| 82046  | REPLACEMENT PUMP ASSY., GAST, 220V, BAM 1022              |
| 680839 | PUMP REBUILD KIT, MEDO PUMP                               |
| 680828 | BAM PUMP SERVICE KIT, GAST, USED ON BX-121, 122, 131, 132 |

### MAINTENANCE TOOLS AND ACCESSORIES

|        |  |
|--------|--|
| 550065 | RS232 CABLE, VARIOUS PRODUCTS.               |
| 80307  | MASS FOIL SET (INCLUDES ZERO AND SPAN TOOLS) |
| 7440   | RUBBER NOZZLE SEAL TOOL                      |
| BX-302 | ZERO CALIBRATOR, WITH ADAPTERS               |
| BX-305 | INLET ADAPTOR FOR FLOW CALIBRATION           |
| BX-307 | VOLUMETRIC FLOW CALIBRATION KIT              |