ALPHA BETA GAMMA
NETWORK AIR MONITOR
MODEL ~ ABG-NET & MODEL ~ ABG-R-NET

FEATURES:

- MOVING FILTER
- ALPHA / BETA PARTICULATE DATA
- GAMMA AREA MONITOR
- STAND ALONE OR NETWORKED
- ONE CHANNEL – ABG-NET
- TWO CHANNEL – ABG-R-NET (Radon)
- WALL MOUNT, HAND HELD, OR TRIPOD MOUNT
- USB OR ETHERNET QUICK CONNECT
- OPTIONAL SEPARATE RADON DATA – ABG-R-NET

DESCRIPTION

MODEL ABG-NET is a networkable or standalone Air Monitor. Each unit includes:

- Moving filter tape
- Silicon or Scintillation Alpha particulate detector
- Thin window Beta particulate detector
- Ambient Gamma detector
- Internal Data logger
- USB or Ethernet Quick Connect
- Networking software.

MODEL ABG-R-NET is the same as MODEL ABG-NET but the gross Alpha channel is replaced by two Alpha channels:

- (1) for Pu-239 and other common Alpha emitters
- (1) for Radon progeny.

APPLICATION –

MONITOR LARGE AREAS OR FACILITIES WITH MULTIPLE DETECTORS 10 TO 500 OR MORE

- Suitable for plant-wide air monitoring function, or distribution within a metropolitan area.
- For baseline data collection, environmental or security uses.
- The ORO network system allows all data, alarm status and instrument status to be monitored at a central location on-screen or via various messaging modalities.
## ALPHA BETA GAMMA

**NETWORK AIR MONITOR**

**MODEL ~ ABG-NET & MODEL ~ ABG-R-NET**

<table>
<thead>
<tr>
<th>RADIATION</th>
<th>NUCLIDES DETECTED</th>
<th>PHYSICAL FORM</th>
<th>COLLECTION MEDIA</th>
<th>SENSORS</th>
<th>DIA.</th>
<th>WINDOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPHA</td>
<td>Pu-239 AND OTHER ALPHA EMITTERS</td>
<td>PARTICULATE</td>
<td>1.25” x 1,200”</td>
<td>Si</td>
<td>NONE</td>
<td>1” ALUMINUM MYLAR</td>
</tr>
<tr>
<td>ALPHA - Optional</td>
<td>RADON PROGENY – ABG-R-NET Only</td>
<td>PARTICULATE</td>
<td>5.0 μm TEFLOM MEMBRANE FILTER</td>
<td>Si</td>
<td>ZnS (Ag)</td>
<td>1” VAPOR DEPOSIT</td>
</tr>
<tr>
<td>BETA</td>
<td>GROSS BETA</td>
<td>PARTICULATE</td>
<td></td>
<td>GM</td>
<td>1”</td>
<td>MICA</td>
</tr>
<tr>
<td>GAMMA</td>
<td>ALL GAMMA</td>
<td>AREA MONITOR</td>
<td>AMBIENT</td>
<td>NaI(Tl)</td>
<td>2”</td>
<td>ALUMINUM 0.060</td>
</tr>
</tbody>
</table>

### DESCRIPTION:

**MOVING FILTER HEAD ~ MFH-AB**
- MOVING FILTER TAPE
- REMOTE AIR SAMPLING DETECTOR HEAD
- OPEN FACE BREATHING ZONE OPERATION FOR ROOM AIR
- SEALED PLASTIC CASE WITH CARRYING HANDLE
- CLEAR FRONT PANEL

### FILTER TAPE:
- **MATERIAL:** 5.0 um TEFLOM MEMBRANE FILTER
- **SPECLON#** BSP-FILT-50BTA
- **WIDTH:** 1.25”
- **LENGTH:** 1,200” (other lengths optional)

### OPERATION:
- **1 YEAR:** 1 YEAR UNATTENDED USE – STEP EVERY 8 HRS
- **1 MONTH:** 1 MONTH UNATTENDED USE – STEP EVERY 1 HR
- **SIZE:** 5” X 10” X 7”
- **WEIGHT:** 5 LBS

### OPTIONS AND ACCESSORIES

**FILTER ROLLS:**
- LONGER, SHORTER

**SNIFFER HOSE:**
- FROM HOOD, GLOVE-BOX, STACK OR OTHER LOCATION

**MASS FLOW SENSOR:**
- PRECISION HOTWIRE SENSOR OR SIMPLE ROTOMETER

**POWER:**
- 115 VAC – 60HZ STANDARD
- **OPTIONAL** 230 VAC – 50 Hz
- DC SYSTEM ALSO AVAILABLE

**MOUNTING:**
- WALL MOUNT PLATE, HANDHELD OR TRIPOD

### MODES: (SPECIFY IN PURCHASE ORDER)
- **REMOTE START:** SINGLE SHOT
- **TIMED OPERATION:** (PRESET TIME)
- SINGLE SHOT AUTO REPEAT

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[![Image](https://example.com)](https://example.com)

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