

**ALPHA BETA GAMMA
NETWORK AIR MONITOR
MODEL # ABG-NET
MODEL # ABG.R-NET**

FEATURES:

- MOVING FILTER
- ALPHA / BETA PARTICULATE DATA
- OPTIONAL SEPARATE RADON DATA
- GAMMA AREA MONITOR



MOVING FILTER HEAD

Description

MODEL # **ABG-NET** is a networkable or standalone Air Monitor. Each unit includes: Moving filter tape, Silcon or Scintillation Alpha particulate detector, thin window Beta particulate detector, ambient Gamma detector,, Internal Data logger, Ethernet or serial outputs, Networking software.

Application

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.

Models

MODEL # ABG.R-NET is the same as model MODEL # ABG-NET but the gross Alpha channel is replaced by two alpha channels, one for Pu-239 and other common alpha emitters and a second data channel for Radon progeny.

TA TECHNICAL ASSOCIATES

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RADIATION	NUCLIDES DETECTED	PHYSICAL FORM	COLLECTION MEDIA	SENSORS		DIAM	WINDOW
ALPHA	Pu-239 AND OTHER ALPHA EMITTERS	PARTICULATE	1.25" x 1,200" 5.0µm TEFLON MEMBRANE FILTER	Si	ZnS (Ag)	1"	ALUMIZE D MYLAR
ALPHA -Optional	RADON PROGENY – ABG.R-NET Only	PARTICULATE		Si	NONE	1"	VAPOR DEPOSIT
BETA	GROSS BETA	PARTICULATE		GM		1"	MICA
GAMMA	ALL GAMMA	AREA MONITOR	AMBIENT	NaI(Tl)		2"	ALUM 0.060

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 TEFLON 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

MODES: (SPECIFY IN PURCHASE ORDER)

REMOTE START SINGLE SHOT

TIMED OPERATION -- (PRESET TIME)

SINGLE SHOT

AUTO REPEAT

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

230 VAC – 50 HZ OPTIONAL

DC SYSTEM ALSO AVAILABLE

MOUNTING WALL MOUNT PLATE, HANDHELD OR TRIPOD

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