

RAMP® BIODETECTION SYSTEM

RAMP® is designed to provide first responders and public safety workers with rapid, on-site, reliable diagnostic information. To use, a small sample is added to a single-use Test Cartridge, which is then inserted into a portable reader. Tests for Anthrax, Ricin, Botulinum Toxin and Pox Viruses, including smallpox, are available in convenient kits of 25 tests.

- Only hand held system to meet new AOAC/DHS funded study standards
- Rapid results – less than 15 minutes
- Highly sensitive – 4,000 anthrax spores
- No calibration or maintenance
- Simple to use with minimal training
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Response
BioMedical Corporation

IRB1000	RAMP BIODEFENSE STARTER KIT	\$15,166.67 EA
IRB1101	TEST KIT, ANTHRAX	\$905.55 EA
IRB1104	TEST KIT, POX	\$905.55 EA
IRB1102	TEST KIT, RICIN	\$722.22 EA
IRB1103	TEST KIT, BOTULINUM TOXIN	\$722.22 EA

INSTRUMENTATION

CALIBRATED PRECISION LIGHTMETERS

- Measuring range: Autorange 0.1 fc or lux to 40,000 fc or lux
- Equipped with "On" and "Hold" buttons, as well as auto power off
- Built in hands-free stand (Models 400 and 400L only)
- NIST traceable calibration certificate
- Carrying case



IKCAL400	CAL-LIGHT, MODEL 400	\$633.58 EA
IKCAL400F	CAL-LIGHT, MODEL 400F, FRONT-MOUNT SENSOR	\$713.62 EA
IKCAL400L	CAL-LIGHT, MODEL 400L, BACK LIT DISPLAY	\$656.85 EA

MONITOR 4 AND MONITOR 4EC

The Monitor 4 and Monitor 4EC are compact, general purpose survey metres capable of detecting alpha, beta, gamma, and x-rays over 3 selectable ranges. A red count light flashes and a beep sounds with each event detected.

- Monitor 4EC offers a more accurate linear reading for gamma and x-rays (above 40 keV)
- One 9-volt alkaline battery
- Temperature range: -20°C to 55°C (-4°F to 131°F)

SPECIFICATIONS:

MONITOR 4: Halogen-quenched uncompensated GM tube with thin mica window 1.5-2.0 mg/cm2 thick

ENERGY SENSITIVITY: Detects alpha down to 2.5 MeV; typical detection efficiency at 3.6 MeV is greater than 80%

Detects beta at 50 keV with typical 35% detection efficiency

Detects beta at 150 keV with 75% typical detection efficiency

Detects gamma and x-rays down to 10 keV typical through the window, 40 keV minimum through the sidewall of the detector

MONITOR 4EC: Halogen-quenched GM tube, energy compensated sidewall 2 mm tin filter; thin mica window 1.5-2.0 mg/cm2 thick

ENERGY SENSITIVITY: the same as Monitor 4 except the energy response for gamma and x-rays through the detector sidewall is flat within +61% or -26% over the range of 40 keV to 100 keV, and within +35% or -17% over the range of 100 keV to 1.3 MeV



YIG104EC	SAME AS ABOVE, ENERGY COMPENSATED	\$537.48 EA
YIG104	MONITOR 4, RADIATION MONITOR	\$574.78 EA

1500 CASE

- Interior Dimensions: 16.75" x 11.18" x 6.12" (42.5 x 28.4 x 15.5 cm)
- Watertight, crushproof, and dust proof
- Automatic Pressure Equalization Valve
- Comfortable rubber over-molded handle
- O-ring seal
- Easy open Double Throw latches
- Open cell core with solid wall design - strong, light weight
- Stainless steel hardware and padlock protectors
- Pick 'N' Pluck™ with convoluted lid foam



BP1500-BK BLACK

\$229.99 EA

1650 CASE

- O-ring sealed
- Exclusive purge valve
- Includes: Pre-scored Pick 'N' Pluck™ foam, locking flanges, massive multiple latches, comfortable molded fold-down handle, 7" extension handle and 2" transport wheels
- Exterior Dimensions – 32 3/4" L x 20 1/2" W x 11 5/16" D
- Interior Dimensions – 29" L x 17 7/8" W x 10 1/2" D
- Weight – 30.10 lbs



INSTRUMENTATION



1450 CASE

- O-ring sealed
- Exclusive purge valve
- Includes: Pre-scored Pick 'N' Pluck™ foam, locking flanges, massive multiple latches and comfortable molded fold-down handle
- Exterior Dimensions – 16" L x 13" W x 6 7/8" D
- Interior Dimensions – 14 13/16" L x 10 3/8" W x 6" D
- Colours Available: Black, Silver, Yellow, Orange
- Weight – 7.8 lbs



BP1450-SL	SILVER	\$184.99 EA
BP1450-YE	YELLOW	\$184.99 EA
BP1450-BK	BLACK	\$184.99 EA
BP1450-OR	ORANGE	\$184.99 EA



BP1650BK BLACK

\$474.30 EA