

peo
LoPro

DETECTION



Low Profile Hand Portable HPGe Gamma Ray Spectrometer

Designed
By Operators
For Operators



HPGe Isotope Identification
Compact Form Factor
SNM Identification
GADRAS Capable
Fully Integrated Turnkey HPGe

LoPro

LoPro Specifications:

Weight:	Dimensions:	Battery life:	Power supply:	8.3 lbs. (3.6 kg) + battery
User maintenance:	Energy resolution:	8" x 8" x 2" (20 cm x 20 cm x 5 cm)	4-15 hrs. battery configurations	
Relative 1332 keV efficiency vs. 3"x 3" NaI	Exposure capacity:	Energy range spectroscopy (32k ch):	Isotope Library:	12-32 VDC, 100-240 VAC, 50-60 Hz
Isotope Identification:	Isotope Categories:	HPGe detector crystal	FWHM < 2.5 keV at 1332 keV	10-13 %
Cool-down time:	Detector startup time:	User interface device:	40 keV -3 MeV (12-MeV Option)	20 kcps (40% dead time in 1.5 mR/hr 60Co)

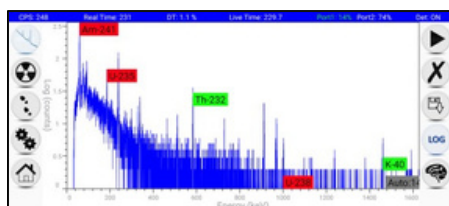
LoPro Features:

GADRAS
GADRAS
SNM, NORM, IND, MED
60-mm diameter, 25-mm thick
2.5 hours
2 minutes
Android Mobile Phone

Good sensitivity to 235U, 238U and 239Pu
OMNI Android App – Isotope ID with Confidence Level and Field Quantification
TAK Android App – LoPro is TAK enabled with GADRAS ID
Both Wired and Wireless capable, wireless can be disabled
Reachback file: ANSI N42.42 format including GPS tags
Twist-lock mil-spec power connector
Long-lived internal Stirling-cycle cooler
No-LED (Dark Mode) Operation and Data Collection
Onboard or Remote Data Collection



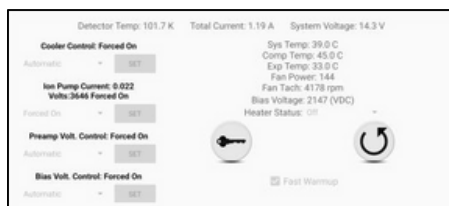
OMNI Android Spectroscopy and ID



OMNI Android Exposure Rate and ID



OMNI System Control and Interlocks



TAK Android App and GADRAS



BB 2590
300 W-hr
battery



Net Warrior
100 W-hr
battery

