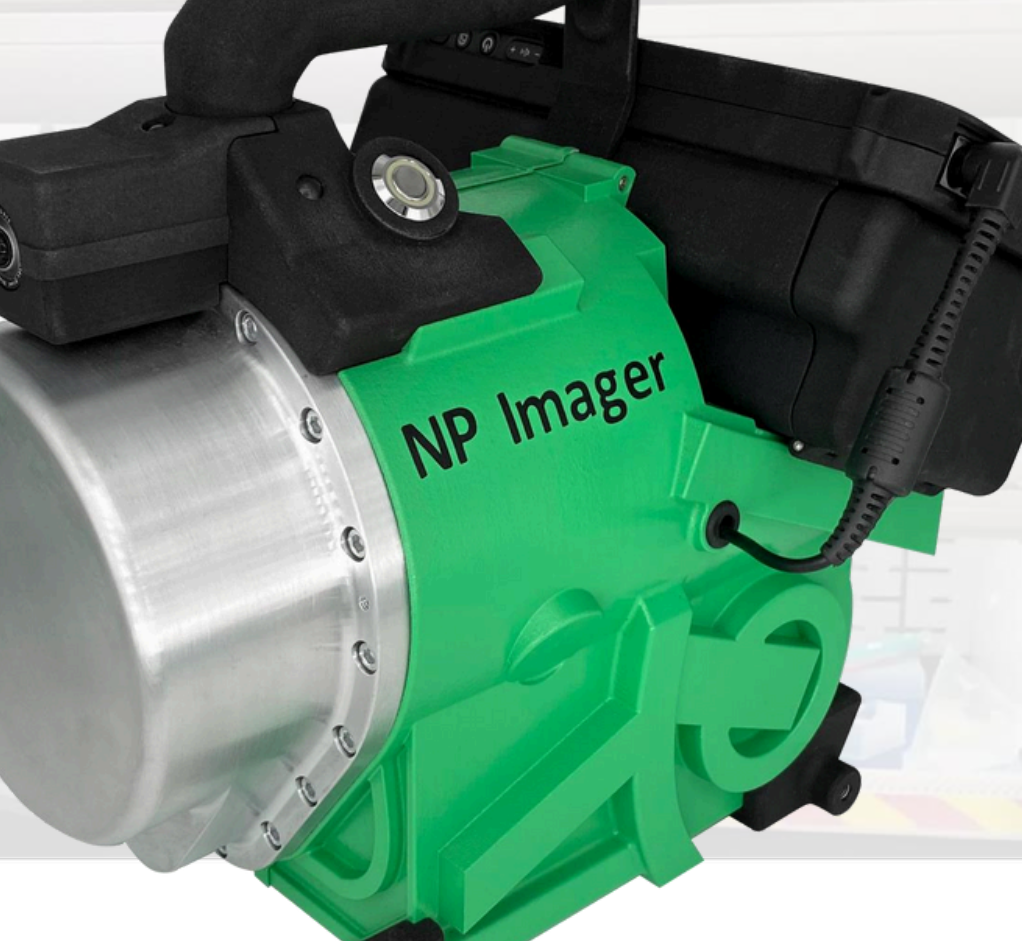
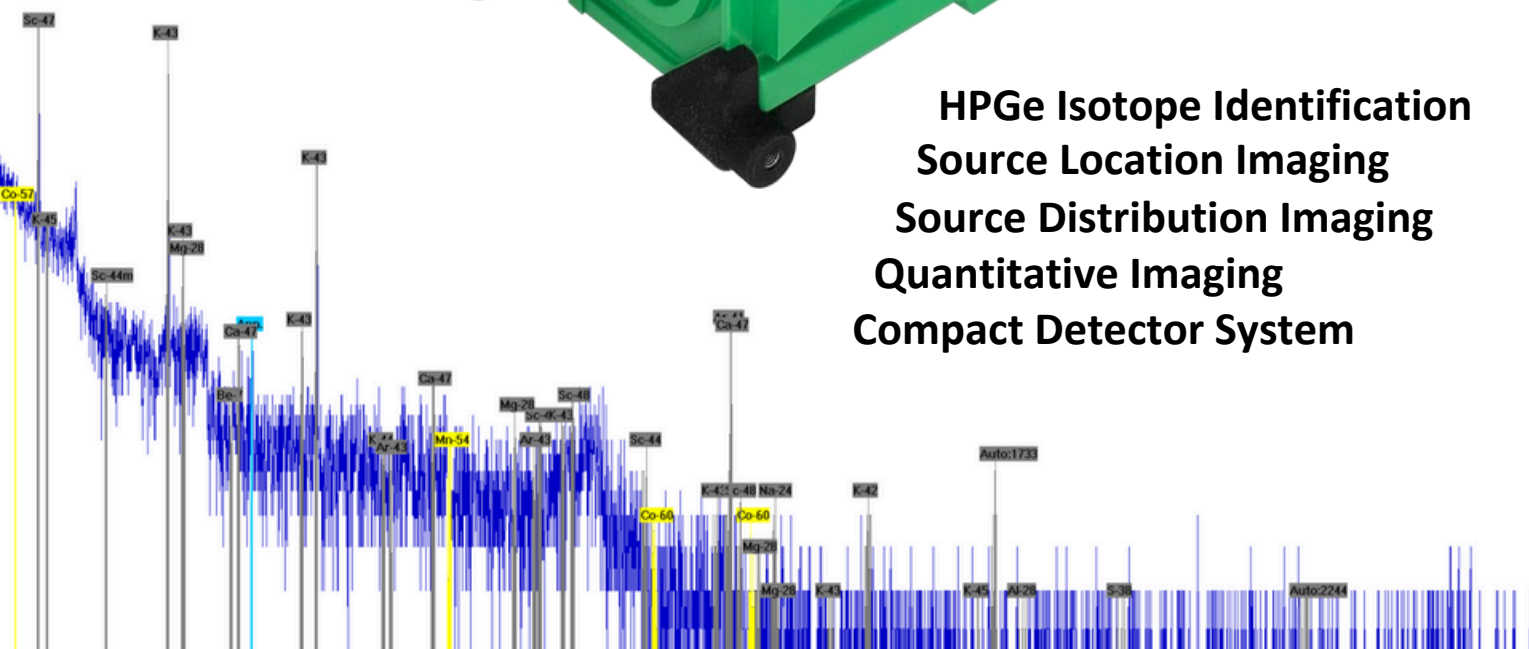


NP Imager



**HPGe Isotope Identification
Source Location Imaging**

HPGe Isotope Identification
Source Location Imaging
Source Distribution Imaging
Quantitative Imaging
Compact Detector System



NP Imager



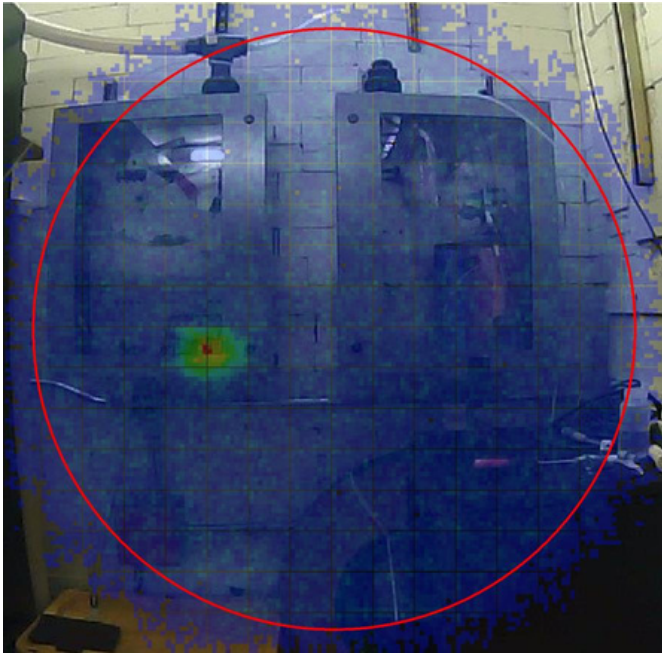
NP Imager Specifications: Weight (Detector): Dimensions (Detector):	
Battery life: Power supply: User maintenance: Energy resolution: Gamma-ray Compton imaging field of view: Optical camera field of view: Pinhole imaging field of view: Zoomfactor Gamma-ray image magnification: Imaging Range: At 10 μ Ci 137Cs at 1 meter (3.3 μ R/hr, 33 nSv/hr)	15 lbs. (6.8 kg) 10.5" x 8.0" x 5.5" (26 cm x 20 cm x 14 cm) 3 hrs internal (not swappable), 6-8 hrs external None FWHM < 2.1 keV at 662 keV 4 π (360°) 2 π (180°) up to 60°(depends on Zoomfactor) x1 -x6 (10 cm -50+meters)
ID time (spectroscopy):	3.7 sec +/-1 sec (662 keV, 8 σ)
Location (imaging) time:	30 sec +/-13 sec (Compton image)
Exposure rate capacity:	200 kcps(~10% Dead time in 15 mR/hr60Co)
Energy range spectroscopy (16k ch):	30 keV -3 MeV (12 MeV option)
Energy range Compton Imaging:	150 keV -3 MeV
Energy range Pinhole Zoomfactor Imaging:	30 keV -662 keV
Isotope Library:	400 isotopes (Auto detect or user selected)
Isotope Identification:	37 frequently encountered isotopes
Isotope Categories:	SNM, NORM, IND, MED
HPGe detector crystal dimensions:	90-mm diameter, 11-mm thick
Active detector volume / area:	67 cm3/ 61 cm2
Cool-down time:	4 hours
Detector startup time:	2 minutes



Heavy Duty
Imaging Gantry



Tablet or Laptop
operation



Radioisotope Harvesting Image



Pinhole Imaging
Aperture



2590 300 W-hr
External battery