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# TechniCART™ II

## Ultra-Mobile Detector Platform

The TechniCART™ II is engineered to ingeniously adapt to support various types of detection & measurement equipment. The revolutionary design results in a mobile, multi-use platform that is ultra-lightweight, rugged, affordable and ergonomically efficient.

Designed for professionals where system performance is crucial, the TechniCART™ II reduces time and effort in daily operations with easy height adjusting slide and variable tilt adjustment.

The TechniCART™ range is designed to allow rapid and easy transportation of an entire portable assay system including HPGE detector, shield and collimator together with laptop and acquisition electronics.

The TechniCART™ II offers the improved portability of a light weight aluminium frame that accommodates 200 lbs of equipment. Users desiring a payload of up to 500 lb should select the TechniCART™ with high strength stainless steel frame.



### Features

- Light weight for ultra-portability
- Quick and easy set-up
- Ergonomic design
- Transportable over multiple surfaces
- Gross capacity of 200 lbs
- Trays accommodate laptop, electronics and other personal equipment
- Engineered high performance support structure ensures personnel safety in the field
- Easy to clean / decontaminate
- Optional collimator / shielding
- Adjustable tilt, height and width
- Pivot arm provides additional stability for extended heights

### Applications

- Portable gamma spectroscopy
- Criticality safety
- TRU/LLW pre-sorting
- Safeguards & accountancy
- Waste assay for transport, disposal
- Homeland Security

### Benefits

- Transportable platform with rapid set up enables accurate assay of waste in the field.
- Accommodates many different types of equipment.
- High performance solid rubber wheels allow the system to be deployed on gravel and dirt terrain
- Easy to transport: Up to 4 units will fit in the bed of a Long Bed pickup.



**Safety Features**



**Variable Height**



**Variable Pivot**



**Extension Arm**

## Specifications

<b>Assembly</b>	Bolt together (no special tools required). Shipped fully assembled.
<b>Configuration:</b>	Spring pins, hand knobs (no special tools required)
<b>Finish:</b>	Powder coated aluminum frame. Stainless and anodized components.
<b>Size:</b>	Base unit length: 42 inches (107 cm), Rigged length max: 55 inches (140 cm), Height: 75 inches (191 cm), Width: 24 to 31 inches (61 to 79 cm).
<b>Wheels/casters:</b>	Height 10 inches (25 cm), Width 2.5 inches (6 cm). Solid, non-marking, rubber, flat free, maintenance free. 2 fixed, 2 swivel with brakes.
<b>Adjustment height:</b>	Base model: 9 to 62 inches (23 cm to 157 cm). Extension arm: Up to 102 inches (259 cm).
<b>Tilt adjustment:</b>	+/- 180 degree on pivot bearing
<b>Equipment supported:</b>	HPGe (liquid nitrogen or mechanically cooled) NaI (TI) Scintillator, <sup>3</sup> He Neutron Proportional Counter Slab Monitors
<b>Equipment trays:</b>	2 each, dual position stainless steel trays, 1 slide in side shelf
<b>Capacity :</b>	200 lbs (90.7 kg) gross. Max 100lbs (45.4 kg) on extension arm
<b>Cart Weight:</b>	180 lbs (81.6 kg) excluding extension arm
<b>Collimator / shielding :</b>	Optional lead or steel collimator
<b>Options:</b>	Adapters available to accept all major commercial HPGE detectors and measurement equipment. Detector, laptop & electronics can also be supplied.

## Contact

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