

# PORTABLE HIGH RANGE TRITIUM WIPE TEST COUNTER

Model ~ CURIE – H3-PLO

## FEATURES:

**NO COUNTING GAS OR LSC COCKTAIL REQUIRED  
~DOES NOT GENERATE WASTE~**

- EXCEPTIONAL WIDE RANGE WIPE COUNTER
  - FIVE DECADES
- CAN MEASURE DOWN TO 500 DPM
- ION CHAMBER OPERATION
- 8 DIGIT LCD DISPLAY
- 3" DIAMETER SAMPLE CAPACITY
- WINDOWLESS – STANDARD
- USB OUTPUT
- USER SPECIFIED ENGINEERING UNITS



CURIE-H3-PLO ELECTRONICS

## APPLICATION:

- Model CURIE-H3-PLO Portable Wipe Test System designed for low energy.
- Ideal for applications in fusion research or in Tritium production and use.
- Includes a sample drawer which accepts samples up to 3" in diameter.
- Designed for ease of maintenance.
- Increased wipe area: 5,000 DPM/100cm<sup>2</sup>



CURIE-H3-PLO  
ION CHAMBER DETECTOR



CURIE-H3-PLO SAMPLE COUNTER

## DESCRIPTION:

Model CURIE-H3-PLO SYSTEM Includes:

- 3" Sample Drawer
- Portable Electronics
- Electrometer Preamp
- Ion Chamber Detector
- All Cables
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**UNIQUE ION CHAMBER SAMPLE  
COUNTER PROVIDES LOW RANGE  
TRITIUM MEASUREMENT & ELIMINATES  
THE NEED FOR A PRESSURIZED GAS  
SUPPLY OR LSC COCKTAIL**



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# PORTABLE HIGH RANGE TRITIUM WIPE TEST COUNTER

Model ~ CURIE – H3-PLO

## SPECIFICATIONS:

### SAMPLE:

**Size:** 3" Diameter, Depth 1".  
**Detector Type:** Free Air Ion Chamber 3" diameter  
**Sensitive Volume:** 1/2" High (3.5"³)  
**Detector Wall:** Nickel Plated Aluminum for Excellent Charge Collection  
**Window:** Removable Fine Mesh Stainless Steel Grill

### DISPLAY:

**Display Units User Settable:** Femto amps, µCi, DPM, Bq,  
**NOMINAL DISPLAY RANGE:** 0.1 – 10,000 milliCuries (10 C) – (3.7 x 10<sup>6</sup> Bq to 37 x 10<sup>10</sup> Bq)  
**Readout:** LCD 8 Digit  
**Electrometer:** Solid State MOSFET input.  
**Electronics & Display:** (6) AA Batteries

### WEIGHT & DIMENSIONS:

**Detector, Drawer & Handle:** 4"W x 12"H x 4"D with Handle  
**Detector, Drawer:** 2 1/2 lbs without Lead Shield  
**Interface:** USB Port  
**Warranty:** 1 year  
**Accessories:** Shipment includes all cables for standard operation.

**OPTIONAL:** Shielding

**\*Note:** TA also makes ion chambers that measure up to 10 million R/hr

See [ION CHAMBER COMPARISON CHART](#)



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