

PORTABLE LOW 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
 - 5 DECADE
- 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/100cm²



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
- On-Screen Rate or Scaler Read-Out
- No Liquids, No Hoses, No Waste

**UNIQUE ION CHAMBER SAMPLE
COUNTER PROVIDES LOW RANGE
TRITIUM MEASUREMENT & ELIMINATES
THE NEED FOR A PRESSURIZED GAS
SUPPLY OR LSC COCKTAIL**



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

Divisions of  US NUCLEAR CORP

7051 Eton Ave., Canoga Park, CA 91303
818-883-7043 (Phone) 818-883-6103 (Fax)

tagold@nwc.net

WWW.TECH-ASSOCIATES.COM

PORTABLE LOW 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
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 Curies)
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



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