

NUCLEAR GAUGE VERIFICATION AND CALIBRATION

The best diagnostic tool for your nuclear gauges.

The ValiDator® from InstroTek® is a portable and user-friendly device for nuclear gauge verification and calibration. This lightweight block may be used to verify the calibration accuracy and re-calibrate your InstroTek Xplorer™ 3500, CPN MC1-DR, DRP, MC3 series, Humboldt 5000 series including the EZ model and Troxler 3411, 3430, 3440 and 3450 Moisture/Density Gauges. The ValiDator meets **ASTM D6938** requirements for verification and calibration.



Performance

- No moving parts
- Operates with InstroTek Xplorer 3500, CPN MC1-DR and MC3, Humboldt 5000, EZ series, and Troxler 3411, 3430 & 3440
- Depths BS to 12 inch (300mm)
- Provides "three" or "five" block calibration method
- NIST Traceable
- Meets ASTM D6938, D2950 and AASHTO T-310
- Optional: Troxler 3450 verification and calibration

Software

- Computer requirements: PC with Pentium Processor and Windows 98 or higher.
- Verification Feature: Storage capability of 1000 gauges and generating hard copy reports.
- Calibration Feature: 3 or 5 block re-calibration. Stored digital copy of original calibration. Hard copy of calibration reports including density tables.
- Gauge Management Feature: Inventory of gauges entered for tracking leak tests, verifications and calibration scheduling.
- Additional Features: Calculates the expected standard count. Re-calculates field density from field counts with standard counts for quality evaluation of field data. A "notes" feature that allows the retention of critical information on each gauge.

Mechanical

- Block: 1/8" Aluminum exterior with powder coat paint. Internally lined and composite compound in an enclosed housing
- Weight: 65lbs (30kg)
- Shipping Weight: 95 lbs (38 kg)
- Dimensions: 19x18x12in (48x46x30cm)

Transport Case (Optional)

- Materials: ABS laminated ATA spec. 300 category 1 case polyethylene foam inserts and zinc plated, recessed hardware. Water resistant.
- Weight: approximately 29 lbs (13 kg)
- Dimensions: Internal: 24x20x17in (61x51x43cm)
External: 27x22x20in (69x56x51cm)



U.S. Patent: 5,923,726 and 6,050,725



VALIDATOR II®

To calibrate your Thin Lift gauges.

ValiDator II® is a portable calibration / verification device that can be used in combination with the ValiDator to calibrate / verify 3450 nuclear gauges or Thin lift gauges. Specifications and more information about ValiDator II available through InstroTek®.

