

# Calibration Overview

Cianflone Scientific ensure accuracy and quality for calibration and repairs either on-site or in our facility,

When it comes to calibration for your PortaSpec<sup>®</sup> instrument, Cianflone Service Technician know the technology better than anyone else. We built the machines and our service engineers are equipped to properly calibrate and make needed repairs to your machine.



## Why Use Cianflone?

Cianflone Scientific is the Original Equipment Manufacturer (OEM) of the Model 2501/ Model 2501BT/ Model 2501XBT PortaSpec<sup>®</sup> X-Ray Spectrograph.

Cianflone Scientific service technician use N.I.S.T. traceable standard for establishing operating parameters.

Our attention to detail ensures optimal performance for your PortaSpec<sup>®</sup>.

## Service & Calibration

- Preventative Maintenance Check
- "As Found" Condition (Report available upon request).
- Calibration, Testing & Repair (if needed)
- X-ray Safety Inspections (Including the testing of all fail-safe interlocks.)
- Detailed cleaning and Cosmetic repairs
- On-site calibrations available.
- 25 Counts Recorded within 1% tolerance

Companies worldwide depend on Cianflone Scientific to provide efficient and effective elemental analysis, coating thickness measurements and sample preparation.

### Cianflone is committed to:

- Quality
- Accuracy
- Fast Results
- Quick Turnaround

### Annual Calibration Service Includes:

- Preventative maintenance inspection.
- Traceable standards used for calibration process and certification.
- Calibration certificate
- Equipment X-ray safety inspection.
- Radiation report certificate

### Tasks Performed in the Factory Lab:

- Assembly of new instruments.
- Assist in R&D to improve the analysis process.
- Perform detailed inspections, evaluations and testings.
- Annual Calibrations.
- PM checks.
- Major repairs and upgrades to insure the optimal performance.
- Equipment X-ray safety inspection.



### In-House Turnaround Times:

- Average total calibration time is 5 to 7 days. This time is highly driven by shipping and purchase order approval times.
- Typical in house turn-around time is 3-4 business days from the receipt date of the instrument..
- Expedited service available upon request (additional fee).

### On-Site Calibrations

- Cianflone Scientific service technician perform calibrations at your facility
- Reduces down-time for in-process equipment.
- A single calibration includes 4 hours of service time.