

VPXL[®] Temperature Calibration Kit

Automated, Traceable Temperature Calibration

Ensure the highest standards of accuracy and compliance in your laboratory with the **Computrac[®] VPXL[®] Temperature Calibration Kit** – an optional accessory designed for Vapor Pro XL analyzers.

This fully automated module streamlines temperature calibration to factory and NIST-traceable standards. With easy, unattended operation, the Temperature Calibration Kit completes a full calibration in **6-9 hours** and generates a comprehensive report for ISO-registered companies and regulated environments.

Effortlessly verify and calibrate across the complete temperature range, maintain precise records, and ensure consistent performance across multiple instruments – all backed by UL and CSA certifications.

Features & Benefits

Automated, Traceable Calibration: Automatically calibrates the Vapor Pro XL heating unit to factory and NIST-traceable standards, saving time and reducing manual errors with fully unattended operation

ISO & Regulatory Compliance: Ideal for ISO-registered and regulated labs, the module provides calibration reports and complete documentation to support audit readiness and traceability

Multi-Instrument Correlation: Easily verify and document temperature consistency across multiple analyzers, ensuring all instruments meet factory specifications and simplifying compliance

Wide Temperature Range: Calibrates and verifies from 50°C to 275°C, supporting standard and high-temperature applications in plastics, pharmaceuticals, chemicals, and more

Comprehensive Reporting: Each cycle generates a detailed report with instrument and probe serial numbers, calibration dates, set temperature points, correction coefficients, and verification status

Easy Data Entry: Just input serial numbers – module handles calculations, documentation, and report generation for streamlined recordkeeping

Certified & Complete: UL and CSA certified, with calibration traceable to NIST standards. Kit includes probe, electronic interface, serial cable, and hard carry case



Ensure every Vapor Pro XL delivers accurate, compliant results – backed by automated calibration, robust documentation, and global certifications

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Sample Calibration Report Includes

- Instrument unit number
- Probe number
- Interface number
- Calibration date, verification date, last calibration date
- Set temperature points and correction coefficients
- Correlation data (difference from previous calibration)
- Verification status (within/outside factory specs)

Ideal For

- ISO-registered laboratories
- Pharmaceutical, chemical, plastics, and petrochemical industries
- Quality control and regulatory environments
- Labs managing multiple Vapor Pro analyzers

How It Works

- **Connect the Module** to your Vapor Pro XL instrument
- **Input Serial Numbers** for instrument and probe
- **Start Calibration** – the module automatically calibrates across the full temperature range
- **Review Report** for degree of error, correction factors, and verification status
- **Maintain Records** for ISO, NIST, and audit compliance

Why Choose Computrac[®] Calibration?

- **Confidence in Results:** Automated, traceable calibration ensures every test is accurate and compliant
- **Efficiency:** Unattended operation saves time and reduces manual errors
- **Audit-Ready:** Comprehensive documentation supports regulatory and customer audits

Parameter	Details
Calibration Range	50°C to 275°C
Traceability	NIST
Operation	Fully unattended, automated
Report Output	Calibration report
Certifications	UL, CSA
Components Included	Temperature calibration probe, electronic interface, serial interface cable, hard carry case
Compatible Instruments	Computrac Vapor Pro XL Series

