



Sustainability Brief: Computrac® Vapor Pro XL, VPXL

Overview

The Computrac® Vapor Pro XL, VPXL, sets a new benchmark for sustainable moisture analysis in laboratory and production environments. By eliminating hazardous chemicals and minimizing waste, VPXL enables organizations to achieve environmental, safety, and regulatory goals – while delivering world-class analytical performance.

Eco-Friendly Operation

- **Chemical-Free Testing:** VPXL uses advanced water-specific detection technology, eliminating the need for Karl Fischer reagents and other hazardous chemicals. This reduces chemical purchasing, handling, and disposal requirements.
- **Non-Destructive Analysis:** Samples are tested without destructive chemical reactions, preserving sample integrity and reducing material waste.
- **Reduced Environmental Impact:** By removing toxic reagents from the workflow, VPXL minimizes the risk of spills, contamination, and hazardous waste generation.

Operator Safety

- **Safer Work Environment:** VPXL's chemical-free operation protects lab personnel from exposure to hazardous substances, reducing health risks and the need for specialized safety equipment.
- **Simplified Training & Procedures:** With no chemical handling or disposal, onboarding and daily operation are safer and easier for all users.

Regulatory Compliance

- **Meets 21 CFR Part 11 & ASTM Standards:** VPXL is designed to support compliance with key regulatory requirements for data integrity, traceability, and method validation.
- **Audit-Ready Data Management:** Secure data storage, audit logs, and GLP/GMP-compliant reporting make it easy to demonstrate compliance during inspections.
- **Eliminates Regulatory Burdens:** By removing hazardous chemicals from the process, VPXL simplifies compliance with environmental, health, and safety regulations.

AMETEK Brookfield
11 Commerce Blvd. Middleboro, MA 02346 USA
1-508-946-6200 or 1-800-628-8139 | www.brookfieldengineering.com



Cost & Waste Reduction

- **No Chemical Disposal Costs:** VPXL eliminates the need for costly hazardous waste disposal and associated regulatory paperwork.
- **Lower Operating Expenses:** Reduced need for chemical purchasing, storage, and handling translates to direct cost savings.
- **Efficient Sample Throughput:** VPXL with the Autosampler allows for automated multi-sample testing increases productivity without increasing environmental footprint.

Sustainable Lab Practices

- **Supports Green Initiatives:** VPXL aligns corporate sustainability goals and green lab certifications by reducing chemical use and waste.
- **Promotes Responsible Resource Management:** Lower energy and material consumption contribute to a more sustainable laboratory operation.

Summary

The Computrac® VPXL empowers laboratories to achieve accurate, repeatable moisture analysis while advancing sustainability and regulatory compliance. By choosing VPXL, organizations protect their teams, reduce environmental impact, and streamline operations, making it the responsible choice for modern labs.

AMETEK Brookfield
11 Commerce Blvd. Middleboro, MA 02346 USA
1-508-946-6200 or 1-800-628-8139 | www.brookfieldengineering.com