TekValSys
DP

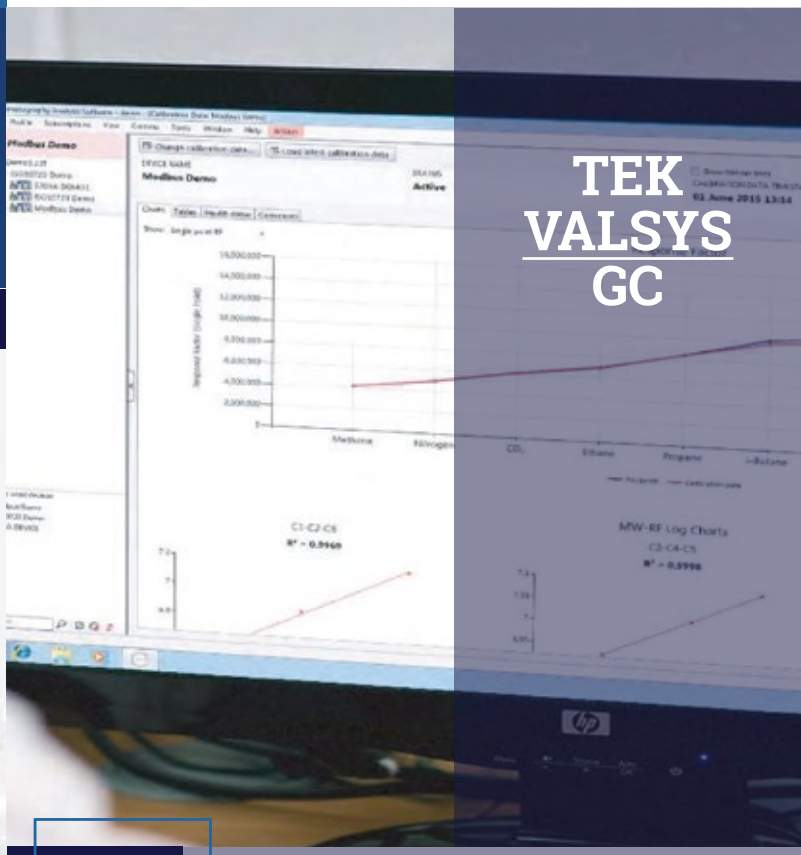
- TekValSys DP is a diagnostic system that provides real-time validation and monitoring as diagnostic results are plotted on a graph with NDB aids to indicate the problems.
- TekValSys DP identifies DP measurement uncertainties, including incorrect inlet or throat diameter in use, two-phase flow, excessive upstream disturbance, contamination build-up, blocked impulse line, saturated DP transmitter, a buckled orifice plate and a meter incorrectly installed.
- TekValSys DP is available with different platforms such as TekValSys DPro Trust PC, TekValSys DPro Cloud, TekValSys DPro ROC Platform, TekValSys DPro FCA and TekValSys DPro integration With FloBoss/Omni.

Specifications

Configuration	Supports DP Transmitters
Troubleshooting	Captured Data Points
Display	Data Logging Functionality
Diagnostics	Variable Trending Views
Connection	Primary and Secondary Devices
Evaluation	Multiple Devices

Specifications

Assurance	GC correctly operated
Historical Data	Predict failures
Cost	Reduce maintenance and cost
GC Uncertainty	Quantification of GC performance
Validation	Provides a representative sample
Database	Creates a fully auditable database



TekValSys
GC

- TekValSys GC validates gas performance by detecting calibration gas errors, gas chromatograph leakage, column deterioration, diaphragm leakage, valve timing issues, poor handling procedures, heavy end dropouts and spot sampling procedure errors.
- It also identifies a fault in repeatability test interpretation, control chart interpretation and composition comparison.
- TekValSys GC automatically captures routine calibration data and online analysis to assess the gas chromatograph's health status and calculates live uncertainty.

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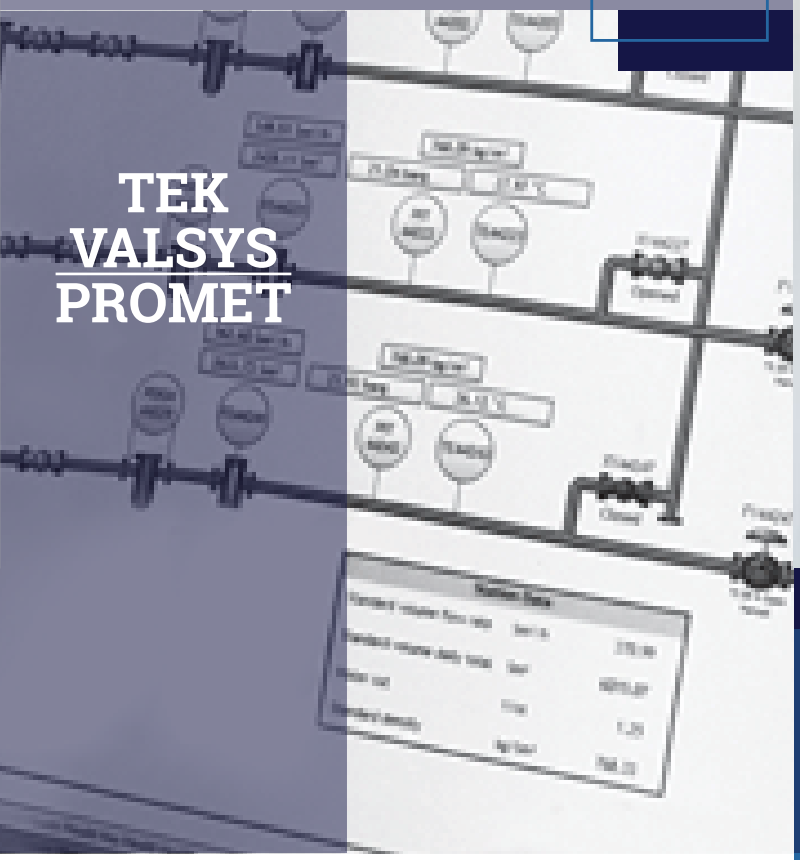
TekValSys
ProMet

- Measurement assurance solution provides an independent, specialized, live reporting for fiscal and custody transfer metering to identify and diagnose error sources, estimate error size & provide corrective recommendations.
- TekValSys ProMet meets the most stringent technical requirements and is installed worldwide, interfacing with numerous metering and control systems.
- TekValSys ProMet can offer enhanced validation and verification features by gathering holistic system diagnostics data from metering assets and processing with Advanced Analytics & Artificial Intelligence (AI).
- TekValSys ProMet solution increases operational efficiency and identifies problematic sites for LAUF risk reduction.



Specifications

USM Diagnostics	Continuously monitor USM
GC	Automatic verification
Flow Computer	Verification and calculations
Transmitter	Verify pressure and temperature
Logbook	Record information electronically
Other Features	CBM, Inventory, Maintenance etc

Specifications

Trust PC	DP Meter Diagnostic Software
Cloud	Field Mount Gateway
ROC Platform	Detect real-time meter inconsistency
FCA	Flow Computation & Verification
FloBoss/Omni	Panel-Mount Fiscal Flow Computer

TekValSys
Validation System

- Identify flow meter performance in real-time without interrupting the process flow or process measurement.
- An easy-to-use diagnostic tool that monitors the entire flow meter's performance, ensuring absolute measurement confidence.
- Maintain measurement accuracy and meter integrity, resulting in cost savings due to early detection of problems.
- Flow computer constants and system data such as meter factors, orifice plate, pipe dimensions and gas composition-dependent factors are inspected.

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