



OpreX™ Asset Management and Integrity

FieldMate

Versatile Device Management Wizard

Next generation of portable field device management software

Quick & Easy access to frequently used functions saves time required for device configuration

OpreX Asset Management and Integrity: FieldMate 2

Intuitive operability for innovative field work

One Tool for All (Multi protocol & Multi vendor Support)

Device Configuration & Adjustment Support

Configuration & Parameter check



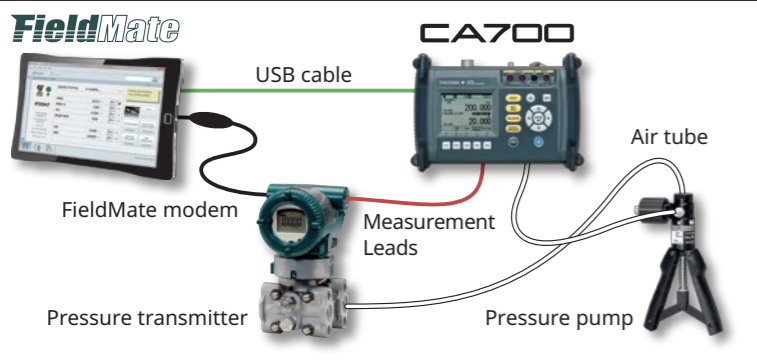
Device configuration and adjustment support is more convenient using bigger screen than usual handheld terminal. Maintenance guideline, product manual, multi-media file, etc. are available on demand when needed. This ensures high quality and efficient maintenance work.



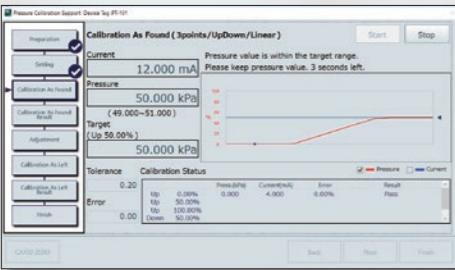
Installation of Field Devices

Calibration & Adjustment

Device Calibration & Adjustment Support



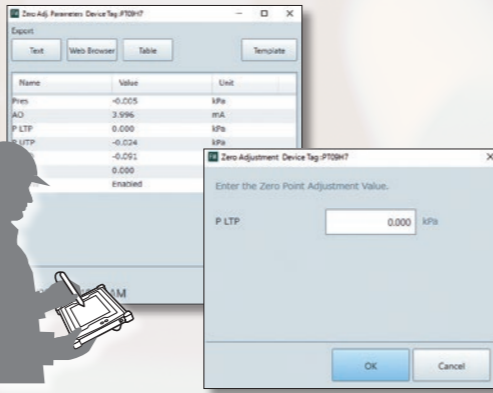
Supports the calibration work in combination with Pressure Calibrator CA700.



Device calibration work can be performed from the graphical interface by monitoring the input pressure and the current signal.

Zero Adjustment after installation

Zero Adjustment Support



After installing Yokogawa Pressure/DP transmitters, Zero Point Adjustment can be executed immediately on FieldMate main screen. This saves the time and prevents the wrong operation. **Increase plant uptime and confirm accurate measurement.**

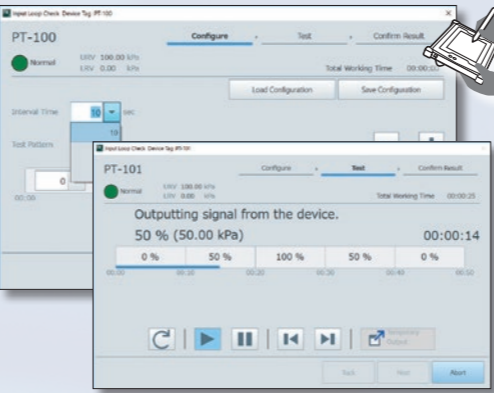
FieldMate targets for any device.



FieldMate can configure devices that use the leading industry standard communication protocols. The supported devices are not only limited to Yokogawa devices but other vendors as well.

Loop Check

Input Loop Check Support



User can configure the loop check pattern (signal output, timing) and execute loop check continuously without stopping. User can manipulate loop check pattern execution, and manually send signal output during loop check execution. **This will aid in quick commissioning and plant start-up.**

Report Generation

Report Generation Support



FieldMate can generate reports of configured device, saved data snapshots, comparison of live data and snapshots, and also loop check execution results. **This enables proper documentation and record keeping in the plant, and eliminate manual work in creating documentation.**

Device Maintenance Support

Powerful platform for innovative field work

Make Best Use of Field Data

Assist and Analysis of Field instrument

Calibration Management for Liquid Analyzers

FieldMate provides dedicated functionality for 4-Wire Converter "FLXA402" and SENCOM™ Smart Adapter "SA11".

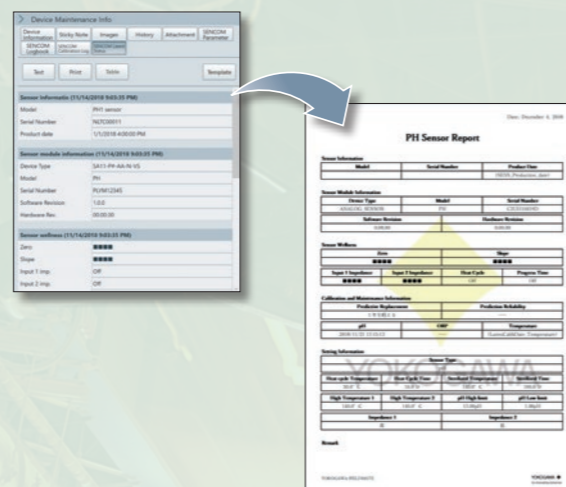
Local Display

Easy to use graphical display for monitoring, operation, and work log.



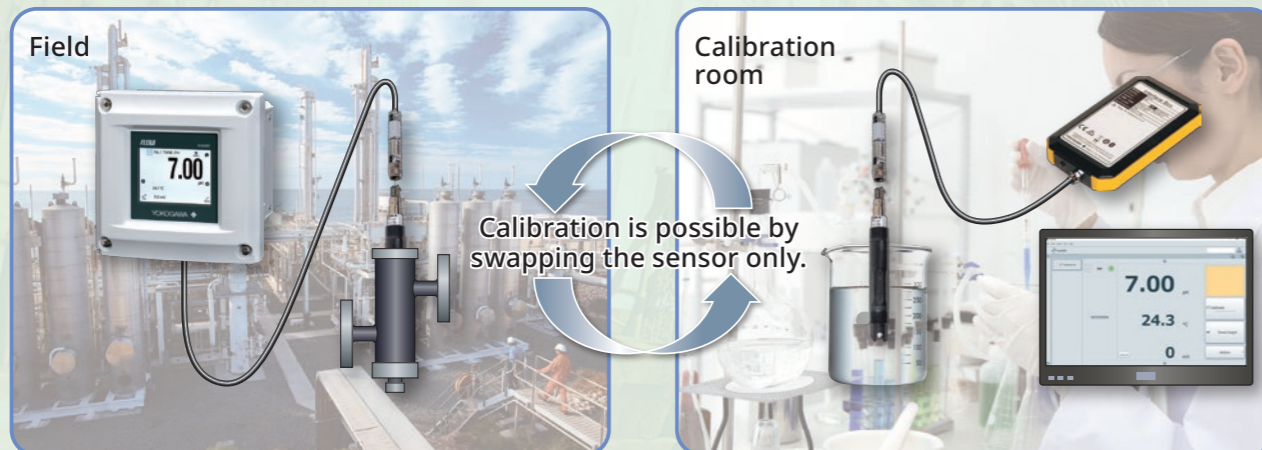
Device information output

Sensor and calibration information can be exported to any format you desire.



Direct Access to SA11

- FieldMate can connect to SA11 directly.
- SA11 can be adjusted in the calibration room.

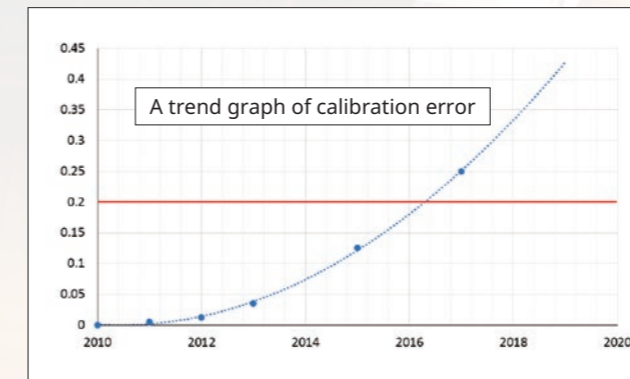


Asset management with Field data

The collected data in daily work will be used for diagnosis and analysis

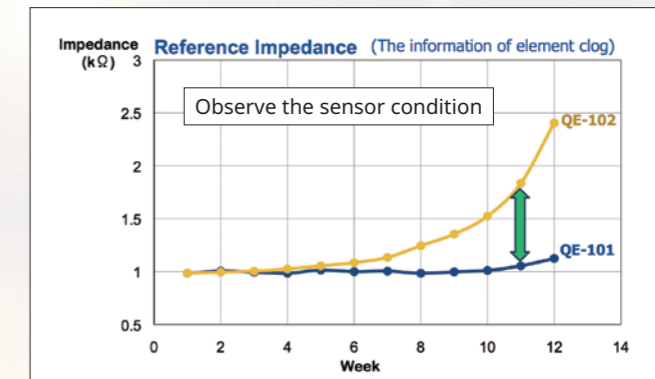
Calibration data sample of transmitter

Deterioration will be analyzed with data trend.



Cleaning indication sample of analyzer

Comparing the analyzers' self-diagnosis, environmental effect will be studied.



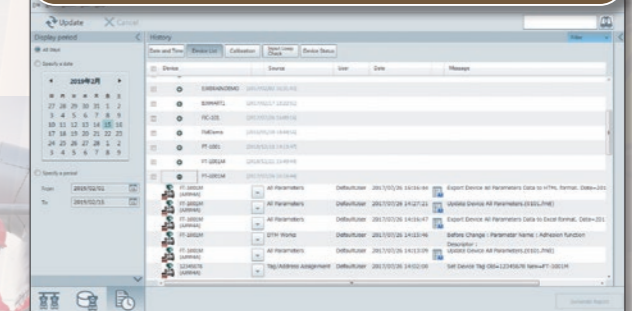
Asset management room



- FieldMate supports not only setting, adjustment and calibration but also loop-check and application test. Operation results and work log are saved to database automatically.
- Plant Asset Management is realized with the above collected data. This historical data can be utilized in various ways on Plant Asset Management.

Automatic storage of device data and work log

Field



Software Operation Environment	
OS*1	Windows 10 Pro/Home/Enterprise
	Windows 11 Pro/Home/Enterprise

*1) Refer to the General Specification (GS 01R01A01-01E) about supported OS version.

Hardware Operation Environment		
CPU		1 gigahertz (GHz) or faster processor
Main Memory		2 GB or more
Hard disk space		4 GB or more
Optical Disk Drive		DVD/CD-ROM drive
Display		1024×768 or better resolution recommended
Network port	USB port	USB FieldMate Modem: BRAIN/HART (Yokogawa option) NI USB-8486: FOUNDATION™ fieldbus H1 (National Instruments) PROFibus: PROFIBUS (Softing) ACT-IR224UN-LN96-LE (9600 bps): ISA100.11.a (ACTISYS) Isolated RS422/485 USB adaptor SP390A-R2: Modbus (BLACK BOX)
	Bluetooth	VIATOR® Bluetooth® Interface: Model 010041: HART (MACTek®)

Related Product



Pressure Calibrator
CA700

OpreX™ Through the comprehensive OpreX portfolio of products, services, and solutions, Yokogawa enables operational excellence across the enterprise.

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NOTICE

- Before operating the product, read the instruction manual thoroughly for proper and safe operation.
- If this product is for use with a system requiring safeguards that directly involve personnel safety, please contact the Yokogawa sales offices.

YOKOGAWA ELECTRIC CORPORATION
World Headquarters

9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, JAPAN

<https://www.yokogawa.com/>

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