

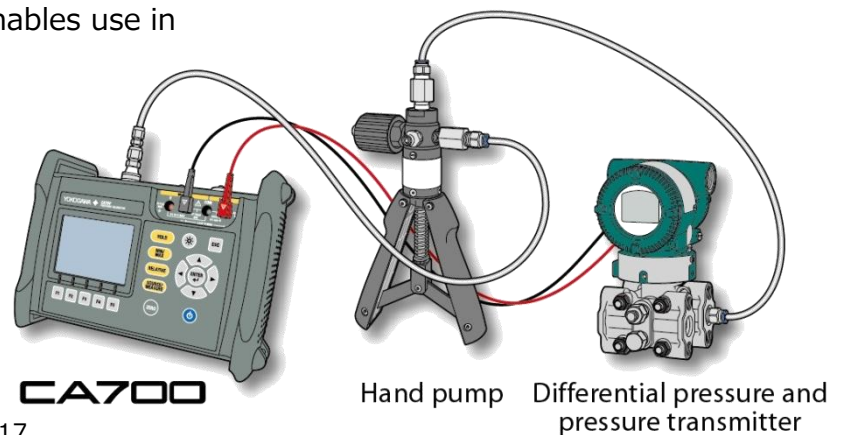


Selection Guide

Pressure Calibrator

New Standard for Field Calibration

- Achieves the highest accuracy in the portable class !
 - Basic accuracy: Pressure(measurement) /0.01%rdg
Current/Voltage (source/measurement) /0.015%rdg
- Achieves the highest resolution and widest range in the portable class
 - 200kPa (Gauge model) (resolution : 0.001kPa)
 - 1000kPa (Gauge model) (resolution : 0.01kPa)
 - 3500kPa (Gauge model) (resolution : 0.01kPa)
- Calibration procedures of pressure transmitters and pressure switches are embedded.
"As Found", "As Left" data and error rate (%) can be recorded.
Additionally the data can be registered to FieldMate.
- With protection body and IP54 dustproof / waterproof enables use in harsh environments.
- 20mA SIMULATE (SINK) function
- Resistor for HART/BRAIN communication is embedded



NEW

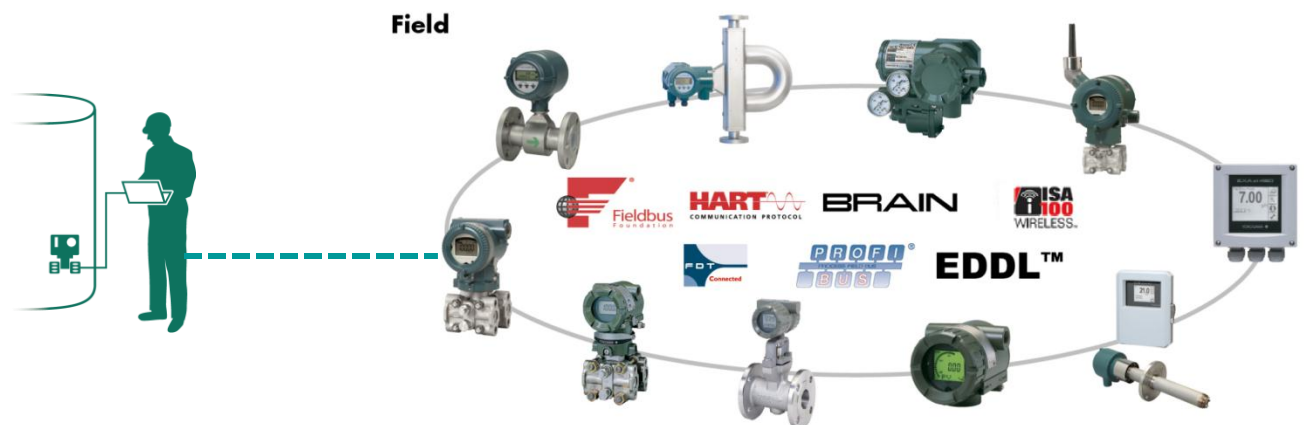
CA700

Note: The CA700 "Sales" to European region is currently restricted due to no CE marking. Applying schedule is estimated before 2017.

Versatile Device Management Wizard

One Tool for All

- Multi vendor and multi protocol support (BRAIN, FOUNDATION Fieldbus, HART, PROFIBUS, ISA100.11a)
- Graphical device management
- Intuitive device recognition upon connection
- Easy device management
- Traceable electronic maintenance work log
- Rapid device replacement



LF-PROCESSTESTTOOL-EN

Application

FieldMate™

Calibration data

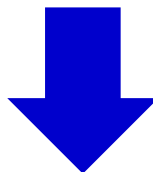
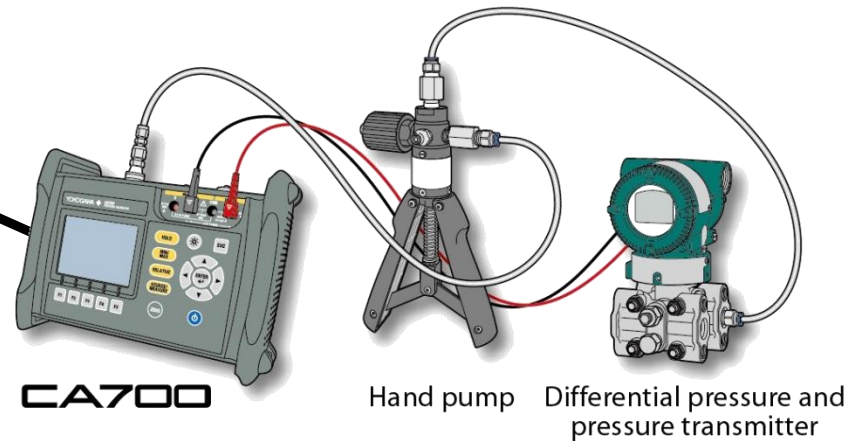
Creation Date	Title	Type	Creation User	Update
3/23/2014 2:09:43	Calibration	Maintenan...	DefaultUser	

No.	DATE	TIME	SOURCE/MONITOR (Pa)	MEASURE (A)	ERROR	PASS/FAIL
1	XXXX/XX/XX	XXXXXX	0.0E+00	4.0E-06	0.0E+00	PASS
2	XXXX/XX/XX	XXXXXX	5.0E+06	1.20E-02	0.0E+00	PASS
3	XXXX/XX/XX	XXXXXX	1.0E+06	2.00E-02	1.0E-02	PASS
4	XXXX/XX/XX	XXXXXX	5.0E+06	1.20E-02	0.0E+00	PASS
5	XXXX/XX/XX	XXXXXX	0.0E+00	4.0E-06	0.0E+00	PASS

Source	Measure	Error
0.000	4.000	0.00
50.000	12.001	0.01
100.001	20.002	0.01
50.000	12.000	0.00
0.001	4.000	0.00

1 MEASURE mA LOOP	LOOP POWER ON
Error 0.01 %	20.002 mA
2 MEASURE P	
As Found	100.001 kPa
Point 3/5	100.000
Set Point	Loop Off

USB cable



□ Effective calibration management of pressure transmitter with FieldMate and CA700

FieldMate enables quicker device configuration and problem solving, manages calibration data measured and recorded by the pressure calibrator CA700, and stores the calibration data to the database through USB. As the data is made by CSV format, it is easy to make reports and graphs with Microsoft Excel function. Additionally, by registering issues, flags or know-how lists on the memorandum of FieldMate, it will help users to acknowledge the errors, degradation over time, and therefore estimate the appropriate exchange timing.

FieldMate and CA700 provide efficient management of field devices.

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SEE CLEARLY	KNOW IN ADVANCE	ACT WITH AGILITY
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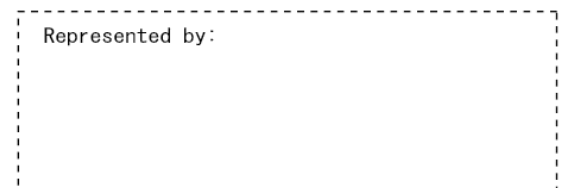
VigilantPlant is Yokogawa's automation concept for safe, reliable, and profitable plant operations. VigilantPlant aims to enable an ongoing state of Operational Excellence where plant personnel are watchful and attentive, well-informed, and ready to take actions that optimize plant and business performance.

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