# **FieldMate Calibration Support function Supplement Material**

### FieldMate Support Desk

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#### **Preface**

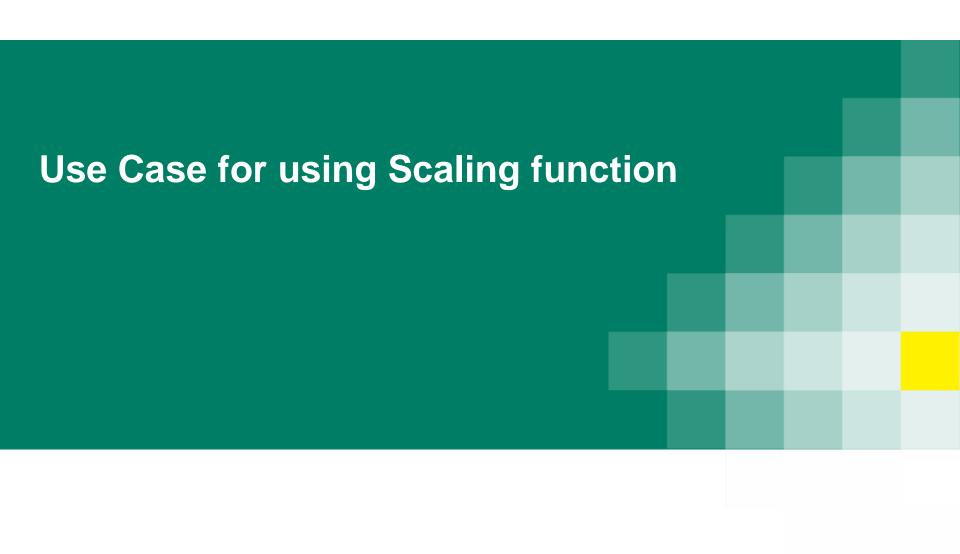
- This material states the detail reference for "Scaling function" when Calibration support function is used by FieldMate.
- The Calibration support function is available at the following software.
  - FieldMate R3.03.00 or later
  - CA700 (Firmware version 1.10 or later)





### **Scaling function**

- Scaling function is used for the following cases.
  - The engineering unit of the connected device is not supported by CA700
  - The engineering unit above is not fully identical to CA700





#### **Scaling Function - Use Case**

#### **Use Case Condition**

- Transmitter with 0-10197mmH2O is available at hand
- This is because transmitter setting is allowed on a text "mmH2O" basis
- However, CA700 identifies "mmH2O@4°C" or "mmH2O@20°C" only
- Discrepancy is encountered with error message during operation
- Procedure may be paused due to engineering unit issue

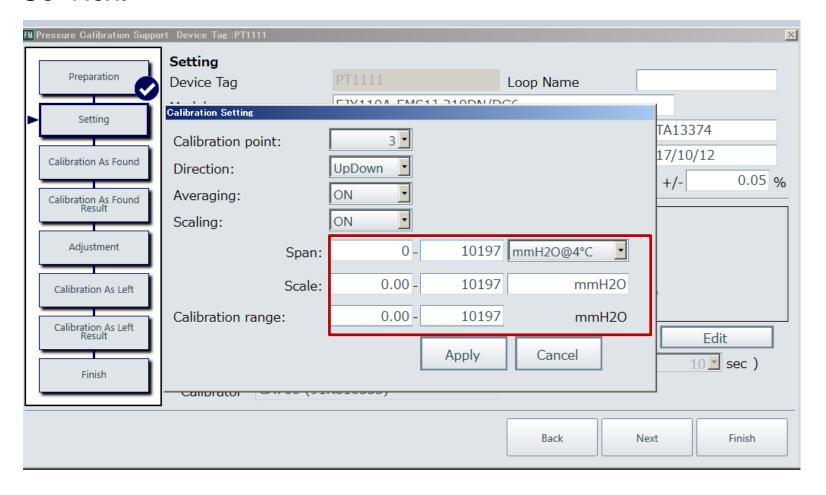
#### How to solve

- This time, Scaling function is applied
- This document states "Scaling Function" how it works on FM and CA700
- Please proceed with your engineering unit and its data



#### **Scaling setting**

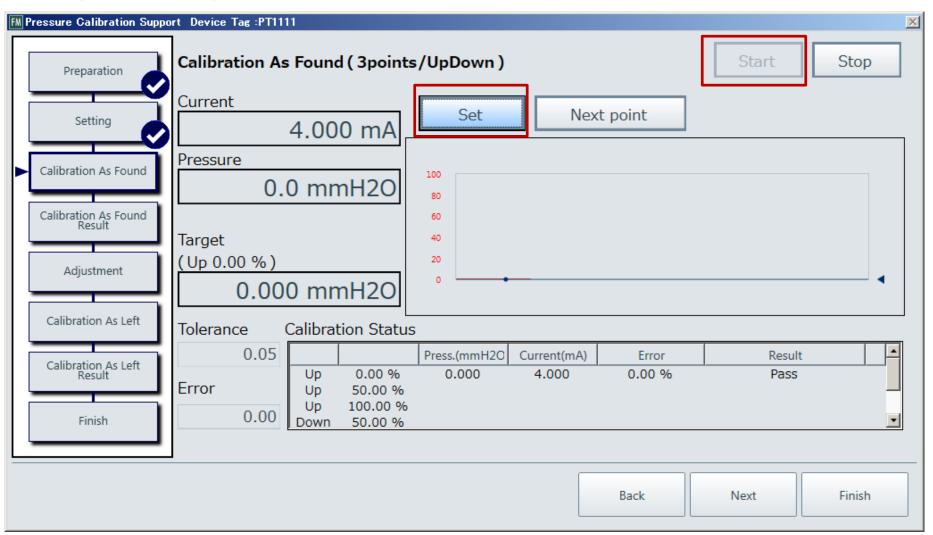
- Set scaling from original to converted one in calibration tool
- Go "Next"





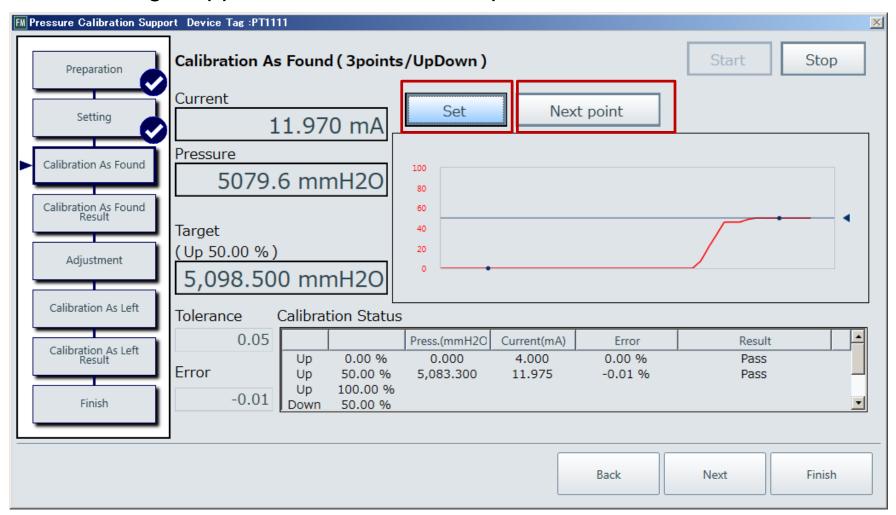
#### Start 1<sup>st</sup> target

"Start" and "Set"



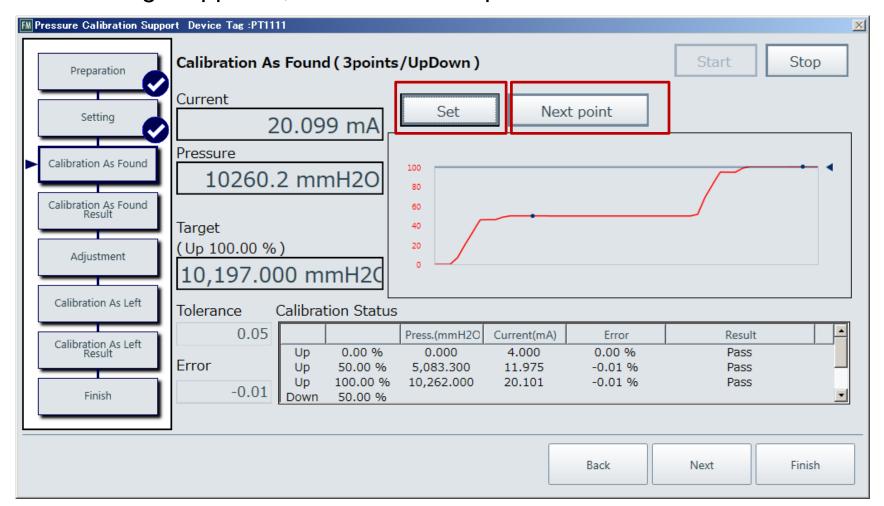
## 2<sup>nd</sup> target

New Target appears, "Set" and "Next point"



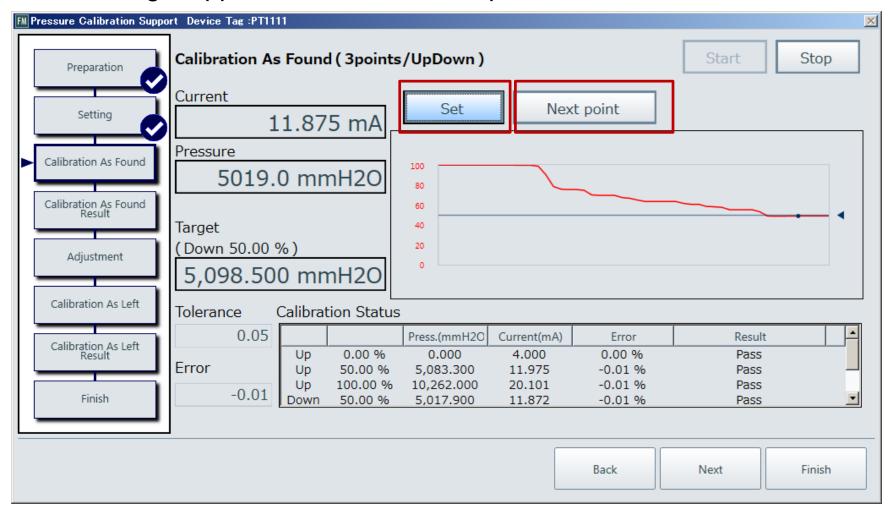
## 3<sup>rd</sup> target

New Target appears, "Set" and "Next point"



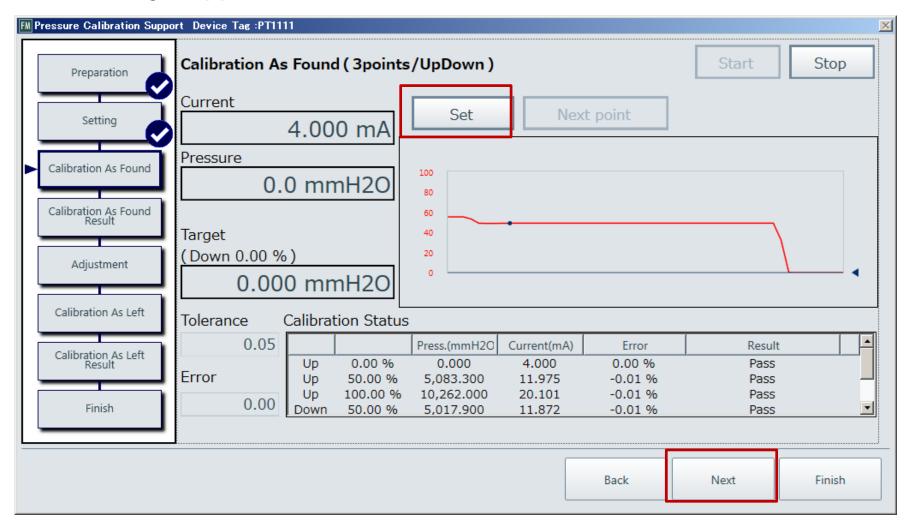
# 4th target

New Target appears, "Set" and "Next point"



#### last target

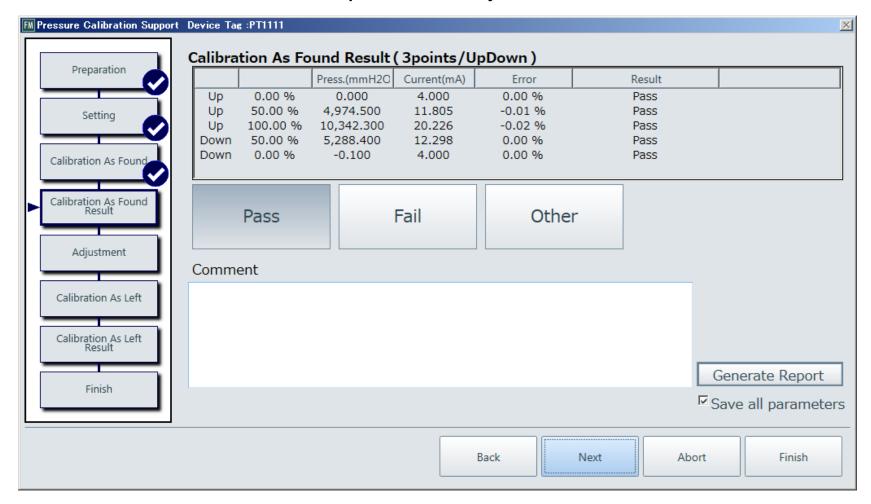
New Target appears, "Set" and "Next"





#### Data recorded in FM

Final result is shown and proceed as you like





### **Support**

If you have any inquiry about FieldMate, please contact to FieldMate Support Desk with the following e-mail address.

- FieldMate Support Desk
  - <field-mate-support-desk@cs.jp.yokogawa.com>