

## Additel 835

### Portable Calibration Bath



- Engineered for exceptional portability and performance
- Extended temperature range: -30 °C to 250 °C
- High-precision accuracy:  $\pm 0.1$  °C
- Compatible with a wide range of probe types and sizes
- Optional built-in Process Calibrator (PC)
- Quick to temperature
- Delivers outstanding stability and uniformity
- Fast thermal response for efficient operation
- Features advanced dual-zone heating technology
- One touch self-calibration
- Designed with robust electromagnetic interference protection

#### OVERVIEW

The ADT835 is a portable calibration bath with a compact bath size of 3.54 x 3.54 inches (90 x 90 mm), setting a new benchmark for powerful, space-saving calibration solutions. Unlike typical integrated dry-liquid baths, the ADT835 delivers exceptional versatility—accommodating temperature sensors of virtually any type, size, or shape. Its innovative design supports both batch and field calibrations with ease, while maintaining excellent stability, uniformity, and accuracy. Combining the precision and reliability of a traditional calibration bath with the portability of a dry well, the ADT835 is a dependable choice for demanding calibration environments.

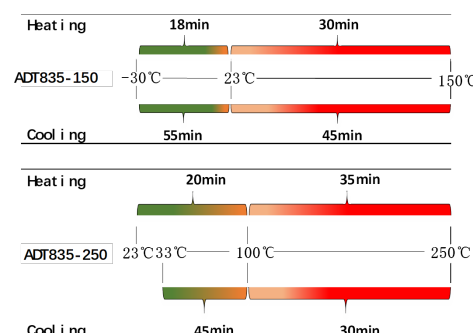
The ADT835 delivers exceptional performance through a smart, user-focused design. Its advanced data logging capabilities simplify documentation and help minimize errors or missed readings. Built-in application tools enhance workflow efficiency, while intelligent remote control functionality allows for multitasking and increased productivity. The 6.5-inch TFT touchscreen provides an intuitive interface, making operation straightforward—even for first-time users.

### Accelerated Heating and Cooling for Maximum Efficiency

Efficient calibration depends on fast temperature transitions, minimal stabilization times, and sufficient bath capacity. The ADT835 delivers on all fronts with advanced variable-speed prediction and non-overshoot control technology, achieving an accuracy error band of  $\pm 0.1^\circ\text{C}$  throughout the heating and cooling process.

| Models  | ADT835-150<br>ADT835PC-150          | ADT835-250<br>ADT835PC-250          |
|---------|-------------------------------------|-------------------------------------|
| Heating | To $150^\circ\text{C}$ : 30 minutes | To $250^\circ\text{C}$ : 55 minutes |
| Cooling | To $-25^\circ\text{C}$ : 45 minutes | To $100^\circ\text{C}$ : 30 minutes |
|         | To $-30^\circ\text{C}$ : 55 minutes | To $33^\circ\text{C}$ : 45 minutes  |

These rapid thermal response times dramatically reduce calibration cycles compared to traditional calibration baths, significantly improving throughput and overall productivity.



### Versatile Sensor Calibration with the ADT835

Calibrating a wide range of temperature sensors is a challenge, particularly in industries like pharmaceuticals, biotechnology, and food processing, where specialized or sanitary sensors are common. These sensors often feature large flanges, ferrule nuts, or short probes, making on-site calibration with traditional dry wells difficult and costly. Users may need to invest in custom dry wells, yet still face limitations in achieving accurate results. The ADT835 portable calibration bath addresses these challenges by providing a stable and uniform temperature field, ensuring precise calibration for sensors of various types, sizes, and shapes, without the need for custom solutions.



### Enhanced Efficiency for Batch Calibration

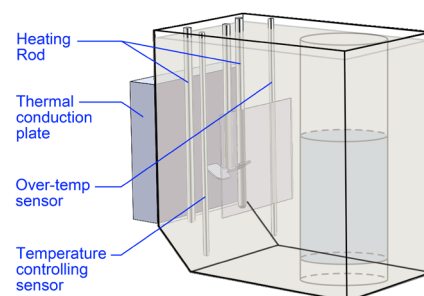
Maximizing calibration efficiency directly reduces factory downtime. To facilitate batch calibration, portable temperature sources must accommodate multiple sensors simultaneously. The ADT835 features a bath size of  $90\text{mm} \times 90\text{mm}$  with a depth of  $155\text{mm}$ , enabling the calibration of multiple sensors in one operation. This capacity supports the simultaneous calibration of up to four  $50\text{mm}$  diameter sanitary temperature sensors or up to forty  $6.35\text{mm}$  diameter rod-type temperature sensors, significantly improving operational efficiency.



### Innovative Dual Heating Technology for Enhanced Stability

Field environments often introduce challenges like power fluctuations from heavy equipment, inconsistent airflow from industrial fans, and ambient temperature shifts caused by variable-frequency air conditioning systems. These factors can significantly impact calibration bath performance and compromise temperature control stability.

The ADT835 overcomes environmental challenges with its innovative dual-zone heating technology. An external heating system near the vapor chamber delivers stable, consistent temperature control, while an internal heating element immersed in the fluid provides rapid, dynamic response to disturbances. This advanced design greatly improves resistance to external interferences, ensuring reliable and accurate performance—even in demanding field conditions.

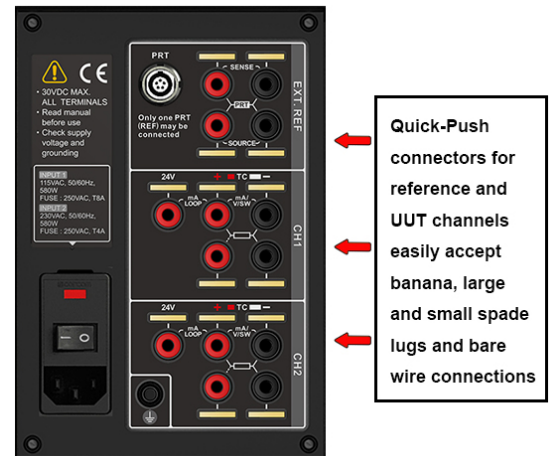


### Optional Integrated Three-Channel High-Precision Process Calibrator

The ADT835 offers an optional built-in three-channel high-precision process calibrator, designed to streamline field operations. This feature eliminates the need to carry multiple devices on-site.

The integrated calibrator combines the functions of a thermometer, multimeter, 24V power supply, and HART handheld communicator, enabling the ADT835 to manage a wide range of calibration tasks effectively.

Each channel is equipped with quick push connectors, allowing for tool-free, rapid connections regardless of the connector type. Channel 1 serves as a reference channel, compatible with smart secondary reference PRTs or user-provided reference thermometers. Channels 2 and 3 are designated for device under test (DUT) connections, supporting RTDs, thermocouples (TCs), temperature transmitters, HART temperature transmitters, and temperature switches.



### Automated Self-Calibration for Internal Reference Sensor

Periodic calibration is essential for maintaining temperature control accuracy in calibration baths. Traditional methods involve manually recording and calculating errors at each calibration point, a process that can be time-consuming and complex, often taking over an hour.

The ADT835 simplifies this with its automated self-calibration program. This feature eliminates the need for manual data entry and calculations, streamlining the calibration process and ensuring accurate temperature control with minimal user intervention.

### Remote Control for Parallel Operation

The ADT835 features advanced remote control capabilities to facilitate parallel operations:

**Point-to-Point Mode:** Connects to a mobile phone or computer via Bluetooth or WiFi hotspot, allowing direct operation of the bath from these devices.

**Cloud Mode:** Connects to the network through WiFi or LAN port, enabling remote management of multiple calibration baths via mobile phones or computers in point-to-point mode.

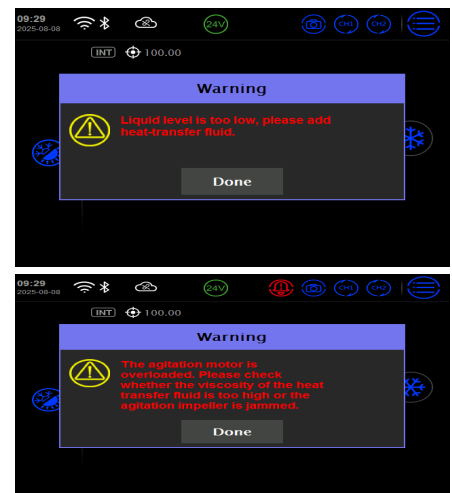
These smart remote control options enhance operational flexibility and efficiency.



### Advanced Fluid Protection Design for Ease of Use and Maintenance

The ADT835 incorporates a professional fluid protection design to ensure safe and convenient operation. It features an integrated overflow tank and drain port to manage fluid efficiently and facilitate easy transport, mitigating environmental contamination and safety risks. The bath and tank body are constructed from rust-resistant stainless steel, which is easy to clean and durable, even in the presence of irritating or corrosive contaminants.

The ADT835 also includes a sealed top cover with a hand-tight screw to effectively prevent fluid spill during transport and calibration. Additionally, a protective power switch design minimizes the risk of oil mist accumulation on power switch contacts, enhancing reliability and reducing failure likelihood. For user safety, a temperature warning icon appears on the display when the liquid temperature exceeds 50°C, alerting users to prevent accidental burns. These features collectively enhance the safety, usability, and maintenance of the ADT835 calibration bath.



## SPECIFICATIONS

### General Specifications

| Models                                | 835-150                                                                                                                                                            | 835-250                                                              |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Range at 23°C                         | -30 ~ 150 °C                                                                                                                                                       | 33 ~ 250 °C                                                          |
| Display accuracy                      | ± 0.1 °C                                                                                                                                                           | ± 0.1 °C                                                             |
| EXT REF accuracy <sup>[1]</sup>       | ± 0.05 °C                                                                                                                                                          | ± 0.05 °C                                                            |
| Stability <sup>[2][3]</sup> (10 mins) | ± 0.01 °C                                                                                                                                                          | ± 0.015 °C                                                           |
| Uniformity <sup>[2][3]</sup>          | ± 0.02 °C                                                                                                                                                          | ± 0.03 °C ( ≤ 200 °C)<br>± 0.04 °C ( > 200 °C)                       |
| Repeatability                         | 0.04 °C (internal reference)<br>0.01 °C (external reference)                                                                                                       | 0.04 °C (internal reference)<br>0.01 °C (external reference)         |
| Heating time                          | 18 min (-30 ~ 23 °C)<br>30 min (23 ~ 150 °C)                                                                                                                       | 20 min (23 ~ 100 °C)<br>35 min (100 ~ 250 °C)                        |
| Cooling time                          | 45 min (150 ~ 23 °C)<br>45 min (23 ~ -25 °C)<br>55 min (23 ~ -30 °C)                                                                                               | 30 min (250°C ~ 100°C)<br>45 min (100°C ~ 33°C)                      |
| Typical time to stability             | 10 min                                                                                                                                                             |                                                                      |
| Working area                          | ϕ 75mm circular zone of bath center, 15mm above bath bottom & 65mm below the fluid level<br>Maximum media depth: 155 mm                                            |                                                                      |
| Opening size                          | 90 x 90 mm                                                                                                                                                         |                                                                      |
| Media Recommendation                  | 10cSt DOW CORNING XIAMETER PMX-200                                                                                                                                 | 50cSt DOW CORNING XIAMETER PMX-200                                   |
| Volume                                | Max: 2.5 L                                                                                                                                                         |                                                                      |
| Temperature Units                     | °C, °F, K                                                                                                                                                          |                                                                      |
| Resolution                            | Adjustable, up to 0.001 °C                                                                                                                                         |                                                                      |
| Display                               | 6.5 in (165 mm) color touch screen, 640*480 pixels, dark or bright theme switchable<br>Refresh rate: 4 times/s                                                     |                                                                      |
| Warm-up time                          | 15 min                                                                                                                                                             |                                                                      |
| Environment                           | Operating temperature: 0 ~ 40°C<br>Guaranteed accuracy: 13 ~ 33°C<br>Storage temperature: -20 ~ 60°C<br>Humidity: 5%RH~95%RH, non-condensing<br>Altitude: < 2000 m |                                                                      |
| Mechanical testing                    | Vibration: 2g<br>Impact: 5g<br>Package drop test: 1 m                                                                                                              |                                                                      |
| Size                                  | 7.5 × 16.2 × 15.2 in (191 W × 412 H × 387 D mm)<br>7.5 × 18.1 × 16.77 in (191 W × 460 H × 426 D mm) with handle, overflow tube                                     |                                                                      |
| Weight                                | 35.27 lbs (16 kg) for non-PC unit<br>35.94 lbs (16.3 kg) for PC unit                                                                                               | 30.86 lbs (14 kg ) for non-PC unit<br>31.53 lbs (14.3kg) for PC unit |
| Power requirements                    | -110V: 100~120V, 50/60 Hz, fuse: 8A 250V<br>-220V: 200~230V, 50/60 Hz, fuse: 4A 250V<br>Maximum power consumption: 800W                                            |                                                                      |
| IP rating                             | IP20, indoor use only                                                                                                                                              |                                                                      |
| Communication                         | USB-A, USB-B, LAN, WIFI, BLE                                                                                                                                       |                                                                      |
| Languages                             | English, Chinese, Japanese, Russian, German, French, Italian, and Spanish                                                                                          |                                                                      |
| Warranty                              | 1 year                                                                                                                                                             |                                                                      |

[1] With AM1730-12-ADT.

[2] 1.25 times when the bath operates without bath cover

[3] 1.25 times when the environment temperature is outside 13~33°C

## Input Specifications (Process Calibrator [PC] Option)

| Electrical Measurement Specification <sup>[1]</sup> |                     |                                                           |                                                                                                                                             |
|-----------------------------------------------------|---------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Reference RTD channel (EXT.REF)                     | RTD measurement     | Probe type                                                | Pt25, Pt100                                                                                                                                 |
|                                                     |                     | Measurement Capability                                    | 4-wire                                                                                                                                      |
|                                                     |                     | Range                                                     | 0~400 $\Omega$                                                                                                                              |
|                                                     |                     | Accuracy                                                  | $\pm 1.25 \text{ m}\Omega$ @ (0~50) $\Omega$<br>$\pm 0.0025\% \text{RD}$ @ (50~400) $\Omega$                                                |
|                                                     |                     | Resolution                                                | 0.1 m $\Omega$                                                                                                                              |
|                                                     |                     | Temperature coefficient                                   | $\pm 1 \text{ ppm FS}/^\circ\text{C}$ @ (0~13) $^\circ\text{C}$ and (33~50) $^\circ\text{C}$                                                |
|                                                     |                     | Excitation current                                        | 0.75 mA, current reversal                                                                                                                   |
|                                                     |                     | Measurement rate                                          | 1 reading/sec                                                                                                                               |
|                                                     |                     | Standard                                                  | ITS-90, CVD, IEC-751                                                                                                                        |
|                                                     |                     | Connection                                                | Lemo connector, quick push connectors, and $\phi 4\text{mm}$ banana jacks                                                                   |
| DUT channels (CH1, CH2)                             | Current measurement | Range                                                     | -30~30 mA                                                                                                                                   |
|                                                     |                     | Accuracy                                                  | $\pm (0.01\% \text{RD} + 2 \mu\text{A})$                                                                                                    |
|                                                     |                     | Resolution                                                | 0.1 $\mu\text{A}$                                                                                                                           |
|                                                     |                     | Temperature coefficient                                   | $\pm 5 \text{ ppm FS}/^\circ\text{C}$ @ (0~13) $^\circ\text{C}$ and (33~50) $^\circ\text{C}$                                                |
|                                                     |                     | Input impedance                                           | < 10 $\Omega$                                                                                                                               |
|                                                     | Voltage measurement | Range                                                     | -12~12 V & -30~30 V                                                                                                                         |
|                                                     |                     | Accuracy                                                  | $\pm (0.01\% \text{RD} + 0.6 \text{ mV})$                                                                                                   |
|                                                     |                     | Resolution                                                | 0.1 mV                                                                                                                                      |
|                                                     |                     | Temperature coefficient                                   | $\pm 5 \text{ ppm FS}/^\circ\text{C}$ @ (0~13) $^\circ\text{C}$ and (33~50) $^\circ\text{C}$                                                |
|                                                     |                     | Input impedance                                           | > 1 M $\Omega$                                                                                                                              |
|                                                     | RTD measurement     | Probe Type                                                | Pt10, Pt25, Pt50, Pt100, Pt200, Pt500, Pt1000, Cu10, Cu50, Cu100, Ni100, Ni120                                                              |
|                                                     |                     | Measurement Capability                                    | 2/3/4-wire                                                                                                                                  |
|                                                     |                     | Resistance Range                                          | 0~400 $\Omega$ and 0~4000 $\Omega$ , auto switch                                                                                            |
|                                                     |                     | Accuracy (4-wire)                                         | $\pm 2.0 \text{ m}\Omega$ @ (0~25) $\Omega$<br>$\pm 0.004\% \text{RD}$ @ (25~400) $\Omega$<br>$\pm 0.005\% \text{RD}$ @ (400~4000) $\Omega$ |
|                                                     |                     | Resolution                                                | 0.1 m $\Omega$                                                                                                                              |
|                                                     |                     | Temperature coefficient                                   | $\pm 2 \text{ ppm FS}/^\circ\text{C}$ @ (0~13) $^\circ\text{C}$ and (33~50) $^\circ\text{C}$                                                |
|                                                     |                     | Excitation current                                        | 0.25mA, current reversal                                                                                                                    |
|                                                     |                     | Measurement rate                                          | 1 reading/sec                                                                                                                               |
|                                                     | TC measurement      | Probe type                                                | S, R, B, K, N, E, J, T, C, D, G, L, U                                                                                                       |
|                                                     |                     | mV range                                                  | -75~75 mV                                                                                                                                   |
|                                                     |                     | Accuracy                                                  | $\pm (0.01\% \text{RD} + 5 \mu\text{V})$                                                                                                    |
|                                                     |                     | Temperature coefficient                                   | $\pm 5 \text{ ppm FS}/^\circ\text{C}$ @ (0~13) $^\circ\text{C}$ and (33~50) $^\circ\text{C}$                                                |
|                                                     |                     | Cold junction range                                       | 0 ~ 50 $^\circ\text{C}$                                                                                                                     |
|                                                     |                     | Cold junction accuracy                                    | $\pm 0.2 \text{ }^\circ\text{C}$                                                                                                            |
|                                                     | Loop power          | With load accuracy                                        | 24 V $\pm 10\%$                                                                                                                             |
|                                                     |                     | Without load accuracy                                     | 24 V $\pm 1\%$                                                                                                                              |
|                                                     |                     | Max 60mA                                                  |                                                                                                                                             |
|                                                     | HART                | Only available on CH1 channel                             |                                                                                                                                             |
|                                                     | Switch measurement  | Mechanical or electrical switch                           |                                                                                                                                             |
|                                                     | Connection          | Quick push connectors, and $\phi 4\text{mm}$ banana jacks |                                                                                                                                             |

[1]: One year specifications, based on a confidence level of K=2

| Temperature Sensor Measurement Accuracy (°C) <sup>[1]</sup> |                           |        |        |        |        |        |        |        |
|-------------------------------------------------------------|---------------------------|--------|--------|--------|--------|--------|--------|--------|
| Channel                                                     | Temperature<br>Probe Type | -30    | 0      | 50     | 100    | 150    | 200    | 250    |
| Reference RTD channel<br>(EXT.REF)                          | PT25                      | ±0.013 | ±0.013 | ±0.013 | ±0.013 | ±0.013 | ±0.014 | ±0.014 |
|                                                             | PT100                     | ±0.006 | ±0.006 | ±0.008 | ±0.009 | ±0.011 | ±0.012 | ±0.013 |
| DUT channels<br>(CH1, CH2) <sup>[2]</sup>                   | PT100                     | ±0.009 | ±0.010 | ±0.012 | ±0.015 | ±0.017 | ±0.019 | ±0.021 |
|                                                             | K-TC                      | ±0.14  | ±0.13  | ±0.13  | ±0.13  | ±0.14  | ±0.15  | ±0.15  |
|                                                             | N-TC                      | ±0.20  | ±0.19  | ±0.19  | ±0.18  | ±0.17  | ±0.17  | ±0.17  |
|                                                             | E-TC                      | ±0.09  | ±0.09  | ±0.08  | ±0.08  | ±0.08  | ±0.09  | ±0.09  |
|                                                             | J-TC                      | ±0.11  | ±0.10  | ±0.10  | ±0.10  | ±0.11  | ±0.11  | ±0.11  |
|                                                             | T-TC                      | ±0.14  | ±0.13  | ±0.12  | ±0.12  | ±0.11  | ±0.11  | ±0.11  |

[1]: The measurement accuracy specification does not include the accuracy of the probe itself;

[2]: Thermocouple measurement accuracy is calculated based on the cold junction temperature of 0°C and does not include the error of the CJC sensor.

### ADT835 Selection Guide

| Models             | ADT835PC-150 | ADT835-150  | ADT835PC-250 | ADT835-250 |
|--------------------|--------------|-------------|--------------|------------|
| Range              | -30°C~150°C  | -30°C~150°C | 33°C~250°C   | 33°C~250°C |
| mA/mV/V            | ●            |             | ●            |            |
| measure            | ●            |             | ●            |            |
| Switch measure     | ●            |             | ●            |            |
| 24V loop power     | ●            |             | ●            |            |
| HART communicator  | ●            |             | ●            |            |
| Quick push wiring  | ●            |             | ●            |            |
| INT reference      | ●            | ●           | ●            | ●          |
| EXT reference      | ●            |             | ●            |            |
| Self-calibration   | ●            |             | ●            |            |
| Documenting task   | ●            |             | ●            |            |
| Step test          | ●            | ●           | ●            | ●          |
| Thermal calculator | ●            | ●           | ●            | ●          |
| Sensor library     | ●            | ●           | ●            | ●          |
| Snapshot           | ●            | ●           | ●            | ●          |
| Remote control     | ●            | ●           | ●            | ●          |
| Smart diagnosis    | ●            | ●           | ●            | ●          |
| USB stick update   | ●            | ●           | ●            | ●          |



ADT835 PC Version



ADT835 non-PC Version

## Ordering Information

### Model Number

ADT835 — 150 — 110 V

#### Model:

ADT835  
ADT835PC

#### Temperature Range

(at 23°C):

150: -30°C to 150°C

250: 33°C to 250°C

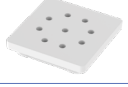
#### Power Option:

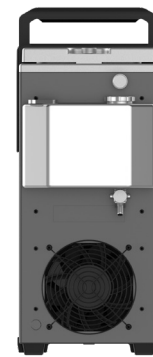
110 V

220 V

### Accessories

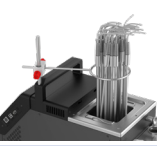
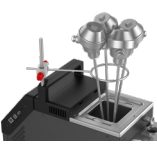
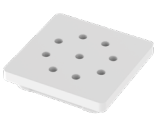
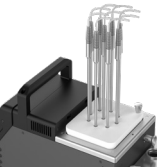
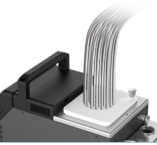
#### Standard Accessories

| Model                                                          | Quantity | Picture                                                                             |
|----------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| AC power cable                                                 | 1 pc.    |    |
| USB cable                                                      | 1 pc.    |   |
| Test leads, 1 red 1 black (only ADT835PC-L-150/ADT835PC-H-250) | 2 set    |  |
| Top sealing cover                                              | 1 pc.    |  |
| Multiple hole Teflon cover                                     | 1 pc.    |  |
| Protection basket                                              | 1 pc.    |  |
| Fluid overflow box                                             | 1 pc.    |  |
| ISO 17025 accredited calibration                               | 1 pc.    |                                                                                     |



#### Optional Accessories

| Model              | Description                                                                                                                 | Picture                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 9921               | Carrying case with wheels                                                                                                   |    |
| 9090               | Clamp bracket (see next page for details)                                                                                   |    |
| 9091               | Circular bracket (see next page for details)                                                                                |   |
| 9092               | Sanitary fitting fixture (see next page for details)                                                                        |  |
| AM17XX-12-ADT      | Straight Secondary reference PRT (see Additel catalog)                                                                      |  |
| AM17XX-BEND-ADT    | Bend Secondary reference PRT (see Additel catalog)                                                                          |  |
| 9070               | Smart connector for reference PRT (for modifying user's own reference sensor)                                               |  |
| 9071               | Connector Adapter from smart connector to 4-wire with gold-plated spades (for calibrating smart connector reference sensor) |  |
| 9072               | Smart connector with clamps for reference PRT (for connecting to user's own reference sensor)                               |  |
| 9203-4L            | Silicon Oil, 4L (10 cSt for -150)                                                                                           |  |
| 9204-4L            | Silicon Oil, 4L (50 cSt for -250)                                                                                           |  |
| Blank access cover | Custom holes by users                                                                                                       |  |
| 9093               | High volume probe fixture                                                                                                   |  |
| 9080               | Compensation cable kit (S, R, K, J, T, E, N)                                                                                |  |

| ADT835 Special jigs |                            |                                                                                                                                                                                                                           |                                                                                     | Typical Application of ADT835 Special jigs |                                                                                  |                                                |                                                                                       |
|---------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------|
| No.                 | Item                       | Function                                                                                                                                                                                                                  | Picture                                                                             | No.                                        | Application                                                                      | Jigs                                           | Picture                                                                               |
| 1                   | 9090 Clamp bracket         | Quick connect to the M4 thread hole on the bath handle for clamping single DUT                                                                                                                                            |    | 1                                          | Open single calibration for 1 large dial bimetallic thermometer                  | 9090 Clamp bracket                             |    |
| 2                   | 9091 Circular bracket      | Quick connect to the M4 thread hole on the bath handle. Constrains multiple DUTs for batch calibration                                                                                                                    |    | 2                                          | Open batch calibration for 40 rod type sensors                                   | 9091 Circular bracket + Protection basket      |    |
| 3                   | Protection basket          | The mesh thermal protection basket is quickly installed in the tank. The sides and bottom of the basket have excellent temperature uniformity, and the DUTs can contact it at any place                                   |    | 3                                          | Open batch calibration for 4 temperature transmitters or more                    | 9091 Circular bracket + Protection basket      |    |
| 4                   | Sanitary fitting fixture   | Allows the flange, nut and stem of special-shaped DUTs to be immersed in the liquid at the appropriate position, and the height can be easily adjusted. Suitable for calibration of multiple sanitary temperature sensors |    | 4                                          | Open batch calibration for 4 sanitary sensors of 50 mm diameter                  | Adjustable multiple hole jig                   |   |
| 5                   | Multiple hole Teflon cover | The PTFE cover provides heat insulation. The default is 9 * $\phi$ 8mm holes, and the quantity and diameter of holes can be customized. Suitable for calibration of precision temperature sensors                         |  | 5                                          | Closed precision calibration for 9 precision sensors                             | Multiple hole Teflon cover + Protection basket |  |
| 6                   | High volume probe fixture  | Almost 36 pcs temperature sensors to be calibrated is placed in a uniform temperature tube, with no risk of liquid contamination to the sensor, and remains clean.                                                        |  | 6                                          | Non-open precision calibration (for calibrating 36 flexible temperature sensors) | High volume probe fixture                      |  |

Note:

Open calibration is intended for batch calibration of low-precision temperature sensors, large dial low-precision sensors, or temperature transmitters.

Closed calibration is designed for precision temperature sensors or transmitters, featuring insulation to minimize heat loss.

