



# Data-Logging Thermometer

## TX-600N (1) Dual Probe input / 9 Type of Thermocouples

- IP66  CE
- RoHS  RS-232

- IP66 Water-Proof
- Accept 9 T/C Types : K, J, E, T, B, R, N, S, C
- Dual Probes (T1-T2) input
- Data-Logger Built-In and software
- USB/RS-232 Output, with software
- Fine Adjustment Function
- Hi/Lo Alarm, Max./Min./Avg./Hold
- LED Back-Light
- CE and RoHS Approved



Data Logging

### Specifications of TX-600N

|                              |  |
|------------------------------|--|
| <b>Input Types</b>           | K, J, E, T, B, R, N, S, C nine thermocouple types; with Dual-Channel input   |
| <b>Measurement Range</b>     | K : -200.0~+1370.0°C (-328.0~+2498.0°F)<br>J : -200.0~+1200.0°C (-328.0~+2192.0°F)<br>E : -210.0~+1000.0°C (-346.0~+1832.0°F)<br>T : -220.0~+400.0 °C (-364.0~+752.0°F)<br>B : +320.0~+1800.0°C (+608.0~+3272.0°F)<br>R : - 20.0~+1700.0°C (-4.0~+3092.0°F)<br>N : -200.0~+1300.0°C (-328.0~+2372.0°F)<br>S : - 20.0~+1750.0°C (-4.0~+3182.0°F)<br>C : 0.0~+2300.0°C (+32.0~+4172.0°F) |
| <b>Accuracy*</b>             | ± 0.1% of rdg + 0.1°C (In 23±5°C operating environment)<br>± 0.1% of rdg + 0.2°C (Out of 23±5°C operating environment)<br>※Built-in cold junction compensation function.   |
| <b>Resolution</b>            | K, J, E, T, N, C Type : 0.1°C / 0.1°F<br>B, R, S Type : 0.5°C / 0.5°F  |
| <b>Reading Rate*</b>         | Approx. 0.4 sec.   |
| <b>Logging Sampling Rate</b> | 2 seconds to 120 minutes (User Selectable)   |
| <b>Memory</b>                | 16,000 readings x 2CH  |
| <b>Baud Rate</b>             | 57,600   |
| <b>Main Functions</b>        | Switchable 9 kinds of thermocouple type input, Hi/Lo Alarm, T1-T2, Data hold, Max/Min/Avg Functions, USB/RS-232 interface, Perpetual calendar, Data-Logging, Switchable °C/ °F, AC/DC power, Battery sign and low battery warning, Auto / Manual shutdown, Calibration function, Large LED back-light, IP66 water and dust proof.  |
| <b>Output</b>                | a. Software with USB Interface cable, b. RS-232 Output   |
| <b>Power Source</b>          | One 9 V battery or AC Adaptor (option)   |
| <b>Input Connections</b>     | Standard mini thermocouple socket x 2  |
| <b>Operating Environment</b> | -20 ~ +60°C ; 0~100%RH   |
| <b>Dimensions/ Weight</b>    | 150 x 75 x 28 mm, Approx. 320g (battery included)  |

\*Above accuracy and sampling rate excludes errors generated by temperature probe.

### Ordering Information :

※Can be purchased separately TU-6100, or purchase with accessories.

|                  |  |
|------------------|--|
| ① TX-600N        | Digital thermometer, 2ch. Data-Logger      |
| ② Temp. Probes   | LP series ※Please refer to catalog P38~P46 |
| ③ TU-RS232-W     | RS-232 Interface cable                     |
| ④ TU-USB-W       | USB computer interface cable               |
| ⑤ TU-766C        | Plastic carrying case                      |
| ⑥ TU-6019 / 6029 | AC Adaptor                                 |

\*Specifications are subject to change without notice.



TX-600N KIT



# Data-Logger Software & Accessories

## TX-600N<sup>(2)</sup>

### Features of Software:

- Trend Line Display
- Graphic Zoom in, Zoom out and Storage
- Instrument Status Display
- Max. / Min. / Average
- Real-time Data Recording
- Alarm Display
- Temperature Conversion
- Saving and Loading Data
- Data Table View
- Recorded Data Download



- IP66 water-proof function
- Dual input for thermocouples

### Complete Set of TX-600N KIT :

| No. | Model No.      | Descriptions                 |
|-----|----------------|------------------------------|
| ①   | TX-600N        | Thermometer / Data Logger    |
| ②   | TU-USB-W       | USB computer interface cable |
| ③   | TU-RS232-W     | RS-232 Interface cable       |
| ④   | Software CD    | Software and Instructions    |
| ⑤   | TU-6019 / 6029 | AC Adaptor                   |
| ⑥   | TU-609         | Battery 9V006P               |
| ⑦   | User's manual  | Multi-national user's manual |
| ⑧   | TU-655C        | Plastic carrying case        |

