

# TECPEL Digital Thermometers Data logger



**RS-232**  
CE  
EMC-LVD  
**DTM-317**

## Single Input + Data recorder

- 200°C~1370°C (-328°F~2498°F)
- Data logging capacity 16,000 records
- 4 Digit LCD, triple display
- Timer display
- Recording interval setup
- Reading hold °C or °F annunciators
- Single K-type thermocouple input
- MAX. MIN. function
- Auto power off
- Hold, REL functions
- Automatic low battery indication
- High resolution 0.1°C, 0.1°F
- Real time display
- USB cable (option)

|                          |  |
|--------------------------|--|
| <b>Measurement range</b> | -200°C to 1370°C (-328°F to 2498°F)  |
| <b>Accuracy</b>          |  |
| -200°C to 1370°C         | ± (0.5% rdg +1°C) typical  |
| -328°F to 2498°F         | ± (0.5% rdg +1°F) typical  |
| <b>Temperature scale</b> | Celsius or fahrenheit user-selectable  |
| <b>Resolution</b>        | 0.1°C or 0.1°F ( 200°C~1370°C, 1°C)  |
| <b>Sensor</b>            | K-type bead thermocouple probe   |
| <b>Sampling rate</b>     | 2.5 Times/per second   |
| <b>Input protection</b>  | 60V DC or 24V rms AC Maximum   |
| <b>General</b>           |  |
| <b>Power requirement</b> | 9V Battery x1  |
| <b>Dimension</b>         | 184x64x30mm (7.2"x2.5"x1.2")   |
| <b>Weight</b>            | 7.4 oz(210g)   |
| <b>Accessories</b>       | 1 x TPK-01 probe, 9V battery, deluxe carrying case, owners manual, RS-232 cable and software program |



**RS-232**  
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## Dual Input + Data recorder

- 200°C~1370°C(-328°F~2498°F)
- Data logging capacity 16,000 records
- 4 Digit LCD , triple display
- Timer display button
- Recording interval set up
- Reading hold °C or °F annunciators
- Dual K-type thermocouple inputs
- MAX. MIN. function
- Auto power off
- Hold functions
- Automatic low battery indication
- High resolution 0.1°C, 0.1°F
- Real time display
- USB cable (option)

|                          |  |
|--------------------------|--|
| <b>Measurement range</b> | -200°C to 1370°C (-328°F to 2498°F)  |
| <b>Accuracy</b>          |  |
| -200°C to 1370°C         | ± (0.5% rdg +1°C) typical  |
| -328°F to 2498°F         | ± (0.5% rdg +1°F) typical  |
| <b>Temperature scale</b> | Celsius or fahrenheit user-selectable  |
| <b>Resolution</b>        | 0.1°C or 0.1°F ( 200°C~1370°C, 1°C)  |
| <b>Sensor</b>            | K-type bead thermocouple probe   |
| <b>Sampling rate</b>     | 2.5 Times/per second   |
| <b>Input protection</b>  | 60V DC or 24V rms AC Maximum   |
| <b>General</b>           |  |
| <b>Power requirement</b> | 9V Battery x1  |
| <b>Dimension</b>         | 184x64x30mm (7.2"x2.5"x1.2")   |
| <b>Weight</b>            | 7.4 oz(210g)   |
| <b>Accessories</b>       | 2 x TPK-01 probes, 9V battery, deluxe carrying case, owners manual, RS-232 cable and software program. |



**RS-232**  
CE  
EMC-LVD  
**DTM-319**

## Quad Input + Data recorder

- 200°C~1370°C (-328 °F ~ 3498 °F)
- Data logging capacity 16,000 records per channel
- 4 Digit LCD display
- Timer function
- Reading hold °C or °F annunciators
- 4 K-type thermocouple inputs
- MAX. MIN. function
- Auto power off, HOLD function
- Automatic low battery indication
- Overrange indication
- Real time display
- USB cable (option)

|                               |   |
|-------------------------------|---|
| <b>Measurement range</b>      | -200°C -1370°C (-328°F ~ 2498°F)  |
| <b>Accuracy</b>               |   |
| -200°C to 200°C               | ± (0.2% rdg +1°C)   |
| 200°C to 400°C                | ± (0.5% rdg +1°C)   |
| 400°C to 1370°C               | ± (0.2% rdg +1°C)   |
| -328°F to 200°F               | ± (0.5% rdg +1°F)   |
| 200°F to 200°F                | ± (0.2% rdg +1°F)   |
| 200°F to 2498°F               | ± (0.3% rdg +1°F)   |
| <b>Temperature scale</b>      | Celsius or fahrenheit user-selectable   |
| <b>Resolution</b>             | 0.1°C or 0.1°F (200°C~1370°C, 1°C)  |
| <b>Sensor</b>                 | K-type bead thermocouple probe  |
| <b>Sampling rate</b>          | 3 seconds per testing circle  |
| <b>Input protection</b>       | 60V DC or 24V rms AC Maximum  |
| <b>General specifications</b> |   |
| <b>Power requirement</b>      | 9V Battery x1   |
| <b>Dimension</b>              | 184x64x30mm (7.2"x2.5"x1.2")  |
| <b>Weight</b>                 | 7.4 oz(210g)  |
| <b>Accessories</b>            | RS-232 cable and software for WINDOWS, deluxe carrying case, owners manual, TPK-01 bead probe x 2 pcs |
| <b>Option accessory</b>       | Adaptor (AC 120V or 220V input , DC 9V output)  |



Real time display (DTM-317, 318, 319)