




**Infrared Hygrometer and Thermometer**

| MD-526   | TN400L   | 621C   | Model No.                          |                          |
|--|--|--|------------------------------------|--------------------------|
| Back-light LCD display   | Large LCD screen   | 3-1/2digit liquid crystal display (LCD) with a maximum reading of 1999         | <b>Display</b>                     |                          |
| —  | —  | Automatic  | <b>Zero</b>                        |                          |
| The "🔋" is displayed when the battery voltage drops below the operating level. |  Battery Exhausted: Measurements are not possible | The "🔋" is displayed when the battery voltage drops below the operating level. | <b>Low battery indication</b>      |                          |
| -10°C to 60°C (14°F to 140°F) below 70% RH                                     | -20 to 65°C (-4~149°F)   | -20°C to 60°C, 0 to 80% R.H. with battery removed from meter                   | <b>Storage temperature</b>         |                          |
| 170mm(H)x52mm(W)x38mm(D)   | 175mm(H)x39mm(W)x72mm(D)   | 170mm(H)x44mm(W)x40mm(D)   | <b>Dimensions</b>                  |                          |
| Approx. 180g   | Approx. 179g   | Approx. 160g   | <b>Weight</b>                      |                          |
| Single 9V battery 006P 9V  | AAAx2(Alkaline)  | Including battery(1.5V x 4pcs AAA size)  | <b>Power Supply</b>                |                          |
| 6~14um   | —  | —  | <b>Spectral Response</b>           |                          |
| 8:1 Optics ratio with a 1" min target  | D:S ratio 9:1  | —  | <b>Field of View</b>               |                          |
| 0.17~1.0   | 0.95 fixed   | —  | <b>Emissive</b>                    |                          |
| Approx. 10 sec (Infrared), 30min. (type K)                                     | Approx. 15 sec   | —  | <b>Auto Power Off</b>              |                          |
| Laser maker<1mw  | —  | —  | <b>Sighting</b>                    |                          |
| 20 set   | —  | —  | <b>Data memory capacity</b>        |                          |
| Approx. 150 hrs  | Approx. 18 hrs   | Approx. 200 hrs  | <b>Battery life</b>                |                          |
| 0°C ~ 50°C (32°F ~ 122°F) Below 80%RH  | 0°C ~ 50°C (32°F ~ 122°F)  | 0°C to 50°C at <75% relative humidity  | <b>Operating/Storage Condition</b> |                          |
| Thermopile & type K  | —  | Pt385/1000ΩRTD temperature sensor  | <b>Sensor</b>                      | <b>Temperature</b>       |
| -20°C ~ 500°C (-4°F ~ 932°F)   | -50°C ~ 400°C (-58°F ~ 750°F)  | -20°C to 100°C   | <b>Range</b>                       |                          |
| 0.1°C / 1°C, 0.1°F / 1°F   | 0.1°C / 0.1°F  | 0.1°C  | <b>Resolution</b>                  |                          |
| ±2% Reading or 2°C   | ±1.0°C(±1.8°F)   | ±0.5°C for 0°C to 50°C.±1.0°C for -20°C to 0°C, and 50°C to 100°C              | <b>Accuracy</b>                    |                          |
| —  | —  | —  | <b>With analog output</b>          | <b>Relative Humidity</b> |
| —  | —  | Capacitive humidity sensor   | <b>Sensor</b>                      |                          |
| —  | —  | 0% to 100% RH  | <b>Range</b>                       |                          |
| —  | —  | 0.1% RH  | <b>Resolution</b>                  |                          |
| —  | —  | ±2.5%RH (10% to 90%RH)<br>±5%RH (<10%, > 90%RH)                                | <b>Accuracy</b>                    |                          |
| Instruction manual, battery & carry case.                                      | —  | —  | <b>Accessories</b>                 |                          |
| 2.5Times per second  | —  | 2.5 times per second, nominal  | <b>Measurement Rate</b>            |                          |
| ±2% reading or ± 2°C or 4°F  | ±2% of reading or 2°C (whichever is greater)   | —  | <b>Full Range Accuracy</b>         |                          |
| Once per second  | 1 sec  | 60 sec typical   | <b>Response Time</b>               |                          |
| —  | 1.4 Hz   | —  | <b>Update Frequency</b>            |                          |
| —  | 5um~14um   | —  | <b>Wave Length</b>                 |                          |
| CE Approval  | IR Thermometer   | Display Back-Light feature   | <b>Features</b>                    |                          |
| °C / °F Selectable.  | D: S Ratio 9: 1  | Use highly accurate RTD temperature sensor                                     |                                    |                          |
| Audible and visible alarm.   | Lowest cost  | With MAX/DATA HOLD function  |                                    |                          |
| Laser targeting.   | °C / °F Selectable.  | Use quick response capacitive humidity sensor.                                 |                                    |                          |
| Data memory and read capacity 20 sets.   | CE Approval  | Attached carrying case   |                                    |                          |
| Auto-power off   | —  | CE Approval  |                                    |                          |
| Thermocouple input K(-50°C ~ 1370°C).  | —  | —  |                                    |                          |

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