

# DIGITAL INFRARED THERMOMETER | 300A+/301C+/305A/C

Economy

300A+ digital infrared thermometer is an infrared thermometer with compact and simple design. 301C+ digital infrared thermometer is a durable infrared thermometer with high accuracy/energy repeatability. 301C+ has intelligent features such as adjustable high and low temperature, alarm and fast response time of 250ms to quickly find out anomalies and scheduled measurements to allow mount on tripod for continuous measurements. 301C+ is applied to power distribution/transportation equipment inspection, HVAC/equipment maintenance and vehicle troubleshooting.

305 series digital infrared thermometers can measure temperature by laser or contact with k-type temperature probe. 305 has a 50:1 D:S ratio, it can measure temperature points of interest from a longer distance with high accuracy along with features such as 99 sets of data storage and USB data transmission. 305A/C is an ideal tool for industrial quality inspection such as high temperature measurement in furnaces.



## Specifications :

| Model Selection                | 300A+                 | 301C+               | 305A                                      | 305C |
|--------------------------------|-----------------------|---------------------|---|------|
| Temperature range              | -20~400°C             | -32~600°C           | -50~1050°C                                |      |
| Accuracy                       | ±2% or ±2°C           | ±1.5% or ±1.5°C     | ±1.8% or ±1.8°C                           |      |
| D:S ratio                      | 10:1                  | 12:1                | 50:1                                      |      |
| Response time                  | ≤500ms                | ≤250ms              |   |      |
| Emissivity                     | 0.95                  | 0.1~1 Adjustable    |   |      |
| Spectral response              | 5.5-14µm              | 8-14µm              |   |      |
| Laser type                     | Class2                |                     |   |      |
| Laser Power                    | <1mW                  |                     |   |      |
| Laser wavelength               | 630~670nm             |                     |   |      |
| Backlight Display              | 20mm x 24mm           | 30mm x 30mm         | 33mm x 38mm                               |      |
| Display Type                   | LCD                   | LCD EBTN Color      | LCD                                       |      |
| <b>Features</b>                |                       |                     |   |      |
| Temperature Data Hold          | √                     |                     |   |      |
| Max/Min/Diff/Avg               | -                     | √                   |   |      |
| High/Low LED & Audio Alarm     | -                     | √                   |   |      |
| Data Storage                   | -                     | 99 data sets        |   |      |
| USB Interface                  | -                     | √                   |   |      |
| Scheduled measurement          | -                     | √                   | -   |      |
| Tripod mounting hole           | -                     | √                   |   |      |
| <b>General Characteristics</b> |                       |                     |   |      |
| Power                          | 9V battery (6F22)     | 9V battery          | USB or 9V battery (6F22) or power adaptor |      |
| Product weight                 | 146g                  | 204g                | 320g                                      |      |
| Product Size                   | 135mm x 94mm x 36.5mm | 160mm x 74mm x 48mm | 183mm x 147mm x 57mm                      |      |