Environmental Measuring Instruments

3443, 3444, 3445 TEMPERATURE HiTESTER

CE Non-contact measurement, quick and easy temperature management

- Ideal for daily temperature checks -- 3443 with integrated memory
- For temperature monitoring -- 3444, 3445 with real-time output
- Dedicated software (option) -- For date analysis and management
- Use in tough environments -- dust/splash-proof design (IP54)

3443: SPECIFICATIONS

Measurement range	: -50.0 °C to 500.0 °C, 0.1 °C resolution
Measurement field diameter	: ø24 mm at a distance of 1 m
Accuracy	: ±1 % rdg. (at 200.1 to 500.0 °C), ±2 °C (at 0.0 to 200.0 °C), ±10 % rdg. ±2 °C (at -50.0 to -0.1 °C)
Response time	: 1.6 seconds (95 % response)
Date memory function	: 130 points of data, memory dump to printer
Analog output function	: None
Interface	: RS-232C output (requires 3909 INTERFACE PACK)
Other functions	: Auto power save, low battery warning, auto-hold
Power supply	: 6F22(006P) × 1, or AC adapter
Operating time	: Continuous use of 20 hours (light on) and 50 hours (light off)
Dimensions, mass	: 47W × 200H × 48D mm, 280 g
Accessories	: Carrying case(1), hand strap(1), 6F22(1), screwdriver(1)

3444, 3445: SPECIFICATIONS

Measurement range	: -50.0 °C to 500.0 °C, 0.1 or 1 °C resolution switchable
Measurement field diameter	: 3444: ø24 mm at a distance of 1 m 3445: ø2.5 mm at a distance of 7 cm
Accuracy	: ±1 % rdg. (at 200.1 to 500.0 °C), ±2 °C (at 0.0 to 200.0 °C), ±10 % rdg. ±2 °C (at -50.0 to -0.1 °C)
Response time	: 1.6 sec (95 % at 0.1 °C resolution), 0.7 sec (95 % at 1 °C resolution)
Date memory function	: None
Analog output function	: Possible (requires 3909 INTERFACE PACK)
Interface	: RS-232C output (requires 3909 INTERFACE PACK)
Other functions	: Auto power save, low battery warning
Power supply	: 6F22(006P) × 1, or AC adapter
Operating time	: Continuous use of 20 hours (light on) and 50 hours (light off)
Dimensions, mass	: 47W × 200H × 48D mm, 280 g
Accessories	: Carrying case(1), hand strap(1), 6F22(1), screwdriver(1)

OPTION

3909 INTERFACE PACK

*BLACK BODY SPRAY
  (e=0.95, 180 ml, 2-coat coverage about 1.0 m^2, good to 550 °C)

*BLACK BODY TAPE
  (e=0.95, 50 mm × 10 m, 1 roll, good to 180 °C)

*Note: Used for accurate measurement of the temperature of objects which have low thermal emissivity(e) such as polished metal, and for calibrating thermal emissivity.