

## Non-Contact Forehead InfraRed Thermometer ST50

### Performance characteristics

- \* Non-contact accurate temperature measurement
- \* White backlit LCD
- \* Distance to spot size: 10:1 (see Fig.1)
- \* Temperature unit: °C/°F
- \* Can store the maximum (HI.), the minimum (LO.) and the average value (AU).
- \* Mainly used for measuring body temperature and ambient temperature.
- \* Will give a prompt if the internal body temperature is too high.

### Specifications:

Noncontact measuring.

White backlight LCD. D:S=10:1

Auto-data hold and auto-turn off (Auto turn off after 15sec. when release the button).

A great many of emissivity symbol.

Use abroad: can used for food, safety-inspect  
fire inspect, power vehicle and diesel engine,  
plastic factory etc.

Can select °C/°F.

Resolution: 0.1°C(0.1°F)

Measuring Range:

□□□□□□□□□□30.0~45.0°C(-86.0~113.0°F)

□□□□□□□□□□-20.0~100.0°C(-4.0~199.9°F)

Response Time: 0.5sec

Spectral Response: 8~14μm

Battery: one 9V battery

Measuring Precision: -20.0~30.0°C(±1°C)

□□□□□□□□□□-4.0~86.0°F(±2°F)

□□□□□□□□□□30.0~45.0°C(±0.5°C)

□□□□□□□□□□86.0~113.0°F(±1°F)

□□□□□□□□□□45.0~100.0°C(±1°C)

□□□□□□□□□□113.0~199.0°F(±2°F)

Ambient Operating Range: -10~40°C(14~104°F)

Relative Humidity: 10~80%RH