



**QUEST**

Prod # 2011

## QUESTEMP 34 Heat Stress Monitor

### Specifications:

Measurements	: Globe, dry bulb, WBGT in, WBGT out, WBGT weighted average, relative humidity, and Heat Index / Humidex
	: Temperatures in degrees Celcius or Fahrenheit
Accuracy	: $\pm 0.5^{\circ}\text{C}$ from $0^{\circ}\text{C}$ to $100^{\circ}\text{C}$ : RH $\pm 5\%$
Ambient operating temperature range	: $0^{\circ}\text{C}$ - $100^{\circ}\text{C}$ ( $32^{\circ}\text{F}$ to $140^{\circ}\text{F}$ )
	: Sensor Assembly: : $0^{\circ}\text{C}$ to $100^{\circ}\text{C}$ ( $32^{\circ}\text{F}$ to $212^{\circ}\text{F}$ )
Operating relative humidity range	: 0 - 100% : Extended exposure to RH >90% can cause a reversible shift of 3%
Dimensions (unit)	: 23.5 cm x 18.3 cm x 7.5 cm (9.2" x 7.2" x 3")
Weight	: 1.2 kg (2.6 lb.)
Display	: LCD (4 lines)
Power	: 9V alkaline batteries : AC Adapter
Battery Life	: 140 hrs
Data logging	: 1, 2, 5, 10, 15, 30, or 60 minutes
Memory	: 57,344 data points

The **QUESTEMP 34** measures and logs four parameters: dry bulb temperature (DB), natural wet bulb temperature (WB), Globe temperature (G) and relative humidity (RH). It computes and displays WBGT and Heat Index (Canadian Humidex).

The accompanying QUESTSUITE data analysis software allows the user to download the data to a computer for further analysis and generation of detailed graphs and reports.

### Features:

- Compact and portable
- Real-time LCD display
- Alkaline batteries
- Data logging

### Applications:

- Personal Heat Stress Monitoring

### Accessories:

- **Standard**
- Download Cable
- QUESTSUITE data analysis software



*Also Available for  
Purchase. See last page  
of catalog for details*