DATA ACQUISITION APPLICATION NOTE









WORKING CONDITIONS

Conditions inside protective clothing

Monitoring body temperature inside protective clothing and air flow in the surrounding area.

• Military field research

Monitoring temperatures of soldiers in the field, at four different points including forefinger and toes.

• Fire fighting

Monitoring deep body and skin temperature, temperature inside protective clothing and pulse rate of firemen fighting bush fires.

Office and works environments

Logging temperatures in offices, etc., to monitor worker comfort. Logging thermal comfort parameters.

Occupational hygiene

Monitoring concentrations of solvents and other chemicals in the air by measuring output from an organic vapour analyser. Using output from a noise meter to monitor day-time / night-time noise levels in factories in relation to noise in the surroundings.

• Maintaining emergency equipment

Monitoring temperature and humidity in electronic equipment stored in various warehouses ready for use in an emergency.