



## TYMPANIC EAR THERMOMETER



The Liberty Tympanic Infrared Ear Thermometer is a device capable of achieving a temperature measurement, via an infrared reading, when placed in the auditory canal of a subject. It is a safe means of measuring human body temperature through the ear.

### Features:

- Infrared ear thermometer
- Safe and Hygienic
- Display: Easy-to-read, Three-digit LCD
- Requires new disposable probe cover for each use
- Measuring range: 33.5° C~42.0° C
- Accuracy:  $\pm 0.2^{\circ}$  C
- Min Scale: 0.1° CS
- Auto shut-off in one minute after non use
- Power consumption: 9MW (when working)
- Memory: 10 recording
- Measuring time: 1 second
- Beeper function
- Battery: 1.5V AAA  $\times$  2, alkaline batteries
- Battery life: Approx 4000 takes
- Size: 140  $\times$  70  $\times$  40mm
- Weight: 81g (with batteries)
- Complete with 20 x disposable covers and a carry bag



### How Do They Work?

A tympanic thermometer, or ear thermometer, uses infrared radiation and a thermopile (an electronic device that converts thermal energy into electrical energy) detector at the tip of the instrument to measure the temperature of the tympanum (the tympanic membrane, or eardrum).

### Advantages of a Tympanic Thermometer.

The advantages of tympanic membrane temperature measurement include ease of use, rapid results and convenience for both the medical professional and patient. They can rapidly assess a patient's temperature accurately and with little discomfort. Tympanic thermometers can also measure a temperature in under 2 seconds. These thermometers are used both in the home and by professionals in medical facilities.

CODE	DESCRIPTION
CTT	TYMPANIC INFRARED EAR THERMOMETER
CTTC20	DISPOSABLE COVERS (BOX 20)

E&OE First Published: 14 August 2008  
Last Modified: 23 December 2010  
File Name: info\_CTT\_THERMOMETER\_TYMPANIC

