

Guideline - Infrared Thermometer Use

COVID-19 Precautions

In an effort to protect the wellbeing of all workers on our construction sites, your workplace has been provided with an Infrared Thermometer for use as a supplementary screening measure. Please note that this thermometer is for **Screening Purposes Only**, it is not a diagnostic device nor does it provide data for medical use.

Recommendations for Screening

It is not expected that all persons on your site be screened with the thermometer. The recommended use is to screen any person who requires First Aid attention, thereby allowing the First Aid Attendant to evaluate the risk to themselves and take appropriate precautions. In addition, the thermometer may also be administered to any worker who specifically requests it.

The Device

The DT8018 Infrared Thermometer has 2 modes:

Body (to be used for screening)

This mode is for measuring forehead temperature of a person between 32°C and 42°C, with an accuracy of $\pm 0.3^\circ$

Surface

This mode is for measuring the surface temperature of an object between 0°C and 180°C, with an accuracy of $\pm 2^\circ$. This mode activates the laser pointer **and is not used for screening**.



Instructions for Use

Please review the manual for complete instruction. The following is a synopsis of the steps for use on a person:

1. Click the trigger to turn the thermometer On.
2. Verify that the display does not show the “low battery” symbol¹
3. Verify that the display shows **Body**².
4. Aim the thermometer at the center of the person’s bare, dry forehead³.
5. Position the thermometer within 5cm - 15cm (2” - 6”) of the forehead.
6. Depress and hold the trigger for approximately 1 second to get a reading.

Results

The expected reading for an adult is between 35.9°C and 37.6°C. A reading of 38°C or higher indicates the person may have a fever and should be sent home, or referred to Medical Aid based on the mechanism of injury.

¹ If the “low battery” symbol is displayed do not use the thermometer until the 9V battery is replaced.

² If “Body” is not visible press the MODE button until “Body” appears on the display.

³ The forehead must not be sweaty, covered with hair, or otherwise obstructed.