LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

Forehead Infrared Thermometer







Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

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Datasheet

Non-Contact Infrared Forehead Thermometer - suitable for measuring the temperature of adults and children of all ages, suitable for the temperature checking of family members, and workers / customers, in offices, shops, warehouses, schools, restaurants etc.

CE 1639 approved device

professional medical device

easy-to-use, no complicated instructions

quick one-second readings

audible beep when reading taken

accurate oral-equivalent temperature readings

audible high temperature alert and mute setting

bright, blue LED backlight

memory function (stores last 25 readings)

class II medical device

supplied with full one year guarantee

The Non-Contact Forehead thermometer is CE 1639 approved, manufactured in accordance with Class II EU Medical Device Directives 93/42 EEC. The thermometer gives reliable and accurate human temperature readings every time, automatically displaying "oral equivalent" temperatures, allowing the user to check adult and child forehead temperatures quickly with no-touch infrared technology for safety and hygiene.

This thermometer is quick, accurate and easy to use. Press power (on/mem) button to turn the instrument on, hold the instrument within 4 cm (40 mm) from the centre of the forehead and press and hold the 'Start' button until you hear one beep (unless muted) indicating the reading is complete. Readings should take approximately 1 second. The built-in fever alarm (three short beeps followed by one long beep) will sound whenever the oral equivalent temperature exceeds 37.5°C.

For the best and most accurate readings we recommend that you keep the forehead area clean. Foreheads that are sweaty, perspiring, covered with cosmetics, or have scar tissue can cause inaccurate readings. The person having their temperature checked, should have been in a stable environment for at least five minutes, and avoided exercising, bathing, or showering for 30 minutes (which can artificially raise your temperature), before taking forehead temperatures.

The bright, blue backlight ensures the display is easy to read, even in poorly lit areas. To ensure long battery life the thermometer will auto power-off after 60 seconds. For added versatility, changing to surface mode will allow measuring the surface temperature of other common items to a maximum temperature of 80°C. The temperature range is switchable between °C and °F, to do this, go into power off mode, press and hold the ‘start’ button then press the power (on/mem) button for 3 seconds, °C will switch to °F.

You can use the same process to switch back from °F to °C. NOTE: when you switch between °C and °F the memory will be cleared. The Non-Contact Forehead thermometer stores your last 25 readings for easy recall and periodic monitoring.

Dimensions are 158 L x 48 W x 40.2 D mm. Supplied complete with 2 x AAA batteries.

Specifications

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Product Code	XE-3936-001
Communications Protocol	Infrared
Accuracy	+/- 0.2 °C (0.4 °F) within 35 to 42 °C (95 to 107.6 °F). Otherwise +/- 0.3 °C (0.5 °F)
Resolution	0.1 °C/°F
Emissivity	Fixed at 0.95 in Surface Mode
Air Temp: Range	Forehead mode: 34 to 42.2 °C (93.2 to 108 °F)
Storage Temperature Range	-20 to 50 °C , less than 85 %rh
Battery	2 x AAA Alkaline (Supplied)
Field of View	Target Ratio 5:1
Dimensions	40.2 x 48 x 158 mm
Input / Ranges	Celsius / Fahrenheit
Temperature Range	34 to 42.2 °C (93.2 to 108 °F)
Weight	100 Grams
Power Consumption	3000 hours (auto-off after 60 seconds)
Standards Met	CE 1639
Construction	ABS plastic
Display	LCD with backlight
Guarantee	1 years

Important Information	Please note that certificates supplied do not display an expiry date. They state the date the item was manufactured. The frequency of recalibration is determined by each customer's specific application requirements and internal quality procedures.