



**COVIDIEN**

*positive results for life™*

## Genius™ 2 OEM TYMPANIC THERMOMETRY

### Technology for Integration into Multi-Parameter Devices

Choosing the Genius™ 2 Tethered OEM Tympanic Thermometer option for your multi-parameter device, means that you will have access to the resources necessary to successfully satisfy the demands of the market. Our product meets or exceeds numerous standards and are manufactured in FDA regulated/ISO 13485 certified facilities.

#### **Easy Integration**

Covidien's Genius™ 2 Tethered OEM Tympanic Thermometer offering has been designed specifically for OEM integration. Our developer's kit contains all of the vital information needed for your company to facilitate integration of the Genius™ 2 Tethered OEM Tympanic Thermometer into your multi-parameter device.

#### **Technical Support**

Your satisfaction and the success of your multi-parameter device occupy the core of our focus. Should you have any customer support inquiries related to our components or development kits, our experienced team of engineers and sales associates will be at your service for technical support and ordering information.

#### **Reliability**

Your multi-parameter device is best supplemented with components from a reliable manufacturer with a reputation for producing durable, robust products and maintaining trustworthy relationships. Your sales staff will have access to essential information about the accuracy and speed of our thermometry products, which can be shared with your customers.

#### **Infection Control**

The Genius™ 2 disposable probe cover is also available for integration to provide a simple, yet effective, means of preventing cross-contamination between patients. The Genius 2 Tethered OEM Tympanic Thermometer auto senses an attached probe cover and will only allow one temperature to be taken with a probe cover in place. This feature will minimize cross contamination from using probe covers on multiple patients.



Put Our Market-Leading Technology to  
Work for You

## PRODUCT SPECIFICATIONS

### CALIBRATED ACCURACY LIMITS:

Ambient Temperature	Target Temperature	Accuracy
25°C (77°F)	36.7°C to 38.9°C (98.1°F to 102°F)	+/- 0.1°C (+/- 0.2°F)
16°C to 33°C (60.8°F to 91.4°F)	33°C to 42°C (91.4°F to 107.6°F)	+/- 0.2°C (+/- 0.4°F)

### DISPLAYED TEMPERATURE MEASUREMENT RANGE:

Mode	Range °C	Range °F
Ear	33.0 to 42.0	91.4 to 107.6
Oral	33.6 to 42.0	92.5 to 107.6
Core	34.0 to 42.0	93.2 to 107.6
Rectal	34.2 to 42.0	93.6 to 107.6

### AMBIENT TEMPERATURE RANGE:

- 16°C to 33°C (60.8°F to 91.4°F)

### RESPONSE TIME:

- Less than 2 seconds

### POWER REQUIREMENTS:

- 5 volts (+/-0.5 volt) Regulated

### CONNECTOR:

- RS232 Connector, Molex 53047-0510

## REGULATORY AND SAFETY STANDARDS:

The Genius™ 2 Tethered OEM Tympanic Thermometer and Base adhere to a number of international standards.

- EN 12470-5:2003 (E) Clinical Thermometers – Part 5: Performance of infrared ear thermometers.
- UL 60601-1
- BS EN 980: 2003
- IEC 1000-4-2: 1995
- EN 60601-1-2
- MDD 47/2007/EEC
- ASTM E1965-98
- IEC 1000-4-3:1995

The device meets EN12470-5:2003 (E) and ASTM E1965-98 subject to certain conditions.

## Order Information

Code	Description	Ship Case
303062	Genius™ 2 Tethered OEM Tympanic Thermometer	1
303030	Genius™ 2 Probe Cover	2112
303097	Genius™ 2 Field Calibration Checker/Calibrator	1

For additional information contact Customer Service at 1-800-962-9888



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15 HAMPSHIRE STREET  
MANSFIELD, MA  
02048

1-800-962-9888  
508-261-8000

[WWW.COVIDIEN.COM](http://WWW.COVIDIEN.COM)