



Durable³, Dependable and Accurate^{1,4}

Thermometry


CardinalHealth
Essential to care™

Thermometry Products

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Tympanic Thermometers

Genius™ 3 Thermometer: Robust, dependable and accurate¹

- Peak Select technology takes multiple readings and selects the highest temperature for display in 1 to 2 seconds.
- Disposable single-use probe covers help prevent cross-contamination.
- Programmable display shows oral, rectal or an absolute temperature reading in ear mode.
- Redesigned plastic housing allows for an IP22 rating for protection against dust and liquid ingress.⁶

Order Information

Item code	Description	Ship case
303013	Genius™ 3 Thermometer with Base	1

PRODUCT SPECIFICATIONS

Accuracy

- $\pm 0.3^{\circ}\text{C}^4$

Measurement Response Time

- 1–2 seconds

Ambient Operating Range

- 16°C – 33°C (60.8°F – 91.4°F)

Temperature Measurement Range

- 33°C – 42°C (91.4°F – 107.6°F)

Storage Temperature Range

- -25°C – 55°C

Battery Life

- 15,000 temperatures (3 AAA batteries)

Anti-Theft System

- Wall mount bracket/Genius™ mobile cart

Compliant with Standards

- ISO 80601-2-56:2017⁴
- IEC 60601-1:2005/AMD1:2012³
- IEC 60601-1-2:2014⁵
- IEC 60601-1-11:2015 Ed.2³

Warranty

- 3 year full manufacturer warranty



Genius™ Tympanic Thermometer Probe Covers

- Disposable, single-use
- No-touch disposable probe cover application and ejection
- Easy load probe cover
- Smooth, rigid plastic with clear membrane
- Two probe cover cassettes that fit into base of thermometers
- For use with Genius™ 2 tympanic thermometer and Genius™ 3 tympanic thermometer

Item code	Description	Ship case
303030-	Genius™ Probe Covers Cassette of 16 Probe Covers; 6 cassettes/package; 11 packages/box; 2 boxes/case	2112



303030



303060

Genius™ Cart Conversion Kit

- Bracket to attach our Genius™ 3 thermometer to rolling stand (item #303059)

Item code	Description	Ship case
303060	Genius™ Cart Conversion Kit	1



303058

Genius™ Locking Wall Mount

- Mobile thermometer stand with side utility basket or use with Genius™ 3 tympanic thermometer
- Anti-theft device that helps secure Genius™ 3 thermometers

Item code	Description	Ship case
303058	Genius™ Locking Wall Mount	1



303097

Genius™ Checker/Calibrator

- Calibrates the Genius™ 2 and Genius™ 3 tympanic thermometers

Item code	Description	Ship case
303097	Genius™ Checker/Calibrator	1

Electronic Thermometers

Filac™ 3000 AD Electronic Thermometer

- Cold mode for hypothermic patients
- Icon-based user interface or backlit LCD display
- Push button alternates Fahrenheit/Celsius
- Interchangeable, color-coded isolation chambers with matching probes
- “Auto on”, “Auto off” feature
- Last temperature recall
- 15, 30, 45 and 60 second pulse timer
- Utilizes 202020, 502000 or 500500 disposable probe covers

Order Information

Item code	Description	Ship case
505000	Filac™ 3000 AD Oral/Axillary Complete	1
505005	Filac™ 3000 AD Rectal Complete	1
505027	Filac™ 3000 AD Oral/Axillary Complete – 9 ft	1
505037	Filac™ 3000 AD Rectal Complete – 9 ft	1
500026	Filac™ 3000 Oral Probe – 4 ft	1
500027	Filac™ 3000 Oral Probe – 9 ft	1
500028	Filac™ 3000 Oral Isolation Chamber	1
500036	Filac™ 3000 Rectal Probe – 4 ft	1
500037	Filac™ 3000 Rectal Probe – 9 ft	1
500038	Filac™ 3000 Rectal Isolation Chamber	1
500099	Filac™ 3000 Calibration Plug	1

Filac™ 3000 AD hardware is warranted for three years from shipment for manufacturer’s defect only.



PRODUCT SPECIFICATIONS

Accuracy

- Oral Quick Mode: $\pm 0.3^{\circ}\text{C}$
- Oral Standard Mode: $\pm 0.1^{\circ}\text{C}$
- Axillary: $\pm 0.1^{\circ}\text{C}$
- Rectal: $\pm 0.1^{\circ}\text{C}$

Measurement Response Time

- Oral Quick Mode
 - 3-5 seconds for non-fever temperatures
 - 8-10 seconds for fever temperatures
- Oral Standard Mode: 6–10 seconds
- Axillary: 8–12 seconds
- Rectal: 10–14 seconds
- Direct Mode: 60–120 seconds

Temperature Measurement Range

- 30°C – 43°C (86°F to 109°F)

Battery Life

- 6,000 temperatures (4 AA batteries)

Anti-Theft System

- Electronic anti-theft system
- The Filac™ 3000 AD Electronic Thermometer comes with the mountable base with key lock (item #500046)

Filac™ 3000 EZ Electronic Thermometer

- Icon based user interface on backlit LCD display
- Push button alternates Fahrenheit/Celsius
- Interchangeable, color-coded isolation chambers with matching probes
- Auto on, "Auto off" feature
- Last temperature recall
- Utilizes item 202020, 502000, or 500500 disposable probe cover

Order Information

Item code	Description	Ship case
504000	Filac™ 3000 EZ Oral/Axillary Complete	1
504005	Filac™ 3000 EZ Rectal Complete	1
504027	Filac™ 3000 EZ Oral/Axillary Complete – 9ft	1
504037	Filac™ 3000 Rectal Complete – 9 ft	1
500026	Filac™ 3000 Oral Probe – 4 ft	1
500027	Filac™ 3000 Oral Probe – 9ft	1
500028	Filac™ 3000 Oral Isolation Chamber	1
500036	Filac™ 3000 Rectal Probe – 4ft	1
500037	Filac™ 3000 Rectal Probe – 9 ft	1
500038	Filac™ 3000 Rectal Isolation Chamber	1
500099	Filac™ 3000 Calibration Plug	1

Filac 3000 EZ hardware is warranted for three years from shipment for manufacturer's defect only.

PRODUCT SPECIFICATIONS

Accuracy

- Oral Quick Mode: $\pm 0.3^{\circ}\text{C}$
- Oral Standard Mode: $\pm 0.1^{\circ}\text{C}$
- Axillary: $\pm 0.1^{\circ}\text{C}$
- Rectal: $\pm 0.1^{\circ}\text{C}$

Measurement response time

- Oral Quick Mode
 - 3-5 seconds for non-fever temperatures
 - 8-10 seconds for fever temperatures
- Axillary: 8–12 seconds
- Rectal: 10–14 seconds
- Direct Mode: 60–120 seconds

Temperature measurement range

- 30–43°C (86°F–109°F)

Battery life

- 6000 temperatures (4 AA batteries)



504000



504005



500036

Filac™ Thermometer Probe Covers

- Disposable, single-use
- Smooth, rigid plastic
- Probe cover package that fits into isolation chamber
- Ejected into waste receptacle by depressing release button
- For use with the Filac™ 3000 thermometers

Item code	Description	Ship case
500500	Filac™ Probe Covers 20 probe covers; 25 packages/box; 1 box/case	500
502000	Filac™ Probe Covers 20 probe covers; 25 packages/box; 4 boxes/case	2000
202020	Filac™ Probe Covers 20 probe covers; 25 packages/box; 10 boxes/case	5000



Filac™ 3000 Thermometer Probes

- Replacement probes for Filac™ 3000 thermometer
- Available in oral/axillary or rectal versions
- Available in 4 ft or 9 ft cord lengths

Item code	Description	Ship case
500026	Filac™ 3000 Oral Probe – 4ft	1
500027	Filac™ 3000 Oral Probe – 9 ft	1
500036	Filac™ 3000 Rectal Probe – 4ft	1
500037	Filac™ 3000 Rectal Probe – 9 ft	1



500026

Filac™ 3000 Isolation Chamber

- Available in oral/axillary or rectal versions
- Isolation chamber in house thermometer probes
- **Does not include Filac™ 3000 thermometer probe**

Item code	Description	Ship case
500028	Filac™ 3000 Oral Isolation Chamber	1
500038	Filac™ 3000 Rectal Isolation Chamber	1



500028



500038



500046

Filac™ 3000 Mounting Base with Pole Clamp or Lock

- Locking base with pole clamp for attachment to mobile stands
- Locking base to secure Filac™ 3000 thermometer to the wall

Item code	Description	Ship case
500048	Filac™ 3000 Mounting Base with Pole Clamp	1
500046	Filac™ 3000 Wall Mounting Base with Lock	1



500047

Filac™ 3000 Mounting Base for Mobile Stand

- Mounting base to secure Filac™ 3000 thermometer to mobile stand
- Filac™ 3000 mounting base with lock (item #500046) not included

Item code	Description	Ship case
500047	Filac™ 3000 Wall Mounting Base for Mobile Stand	1



500099

Filac™ 3000 Calibration Plug

- Calibration plug to check calibration of the Filac™ 3000 thermometer

Item code	Description	Ship case
500099	Filac™ 3000 Calibration Plug	1

Other Electronic Thermometers

- Easy-to-read LCD display
- Last temperature taken memory capability
- Audible alarm signals, one beep at start-up, 10 beeps max at peak temperature
- Auto turn-off after 5 minutes of inactivity
- Available in Fahrenheit, Celsius or switchable dual scale
- Standard 60 second read or quick read option for faster measurement
- Oral or rectal* thermometers
- Individually boxed or economical polybags available
- Utilizes 16811-PRBO and 16811-PRBR probe covers

*Rectal thermometers come with a red cap for easy identification. Probe covers for rectal thermometers are prelubricated.

Standard Thermometers (~60 second oral read)

Oral Thermometers

Item code	Description	Ship case
16811-100	Oral, Fahrenheit, Box	144
16811-500	Oral, Fahrenheit, Polybag	500
16811-C	Oral, Celsius, Polybag	144
16811-DS	Oral, Dual Scale, Box	144
16811-EDS	Oral, Dual Scale, Polybag	500
16811-ECO	Oral, Fahrenheit, Polybag	500

Rectal Thermometers

16811-100R	Rectal, Fahrenheit, Box	72
16811-ECOR	Rectal, Fahrenheit, Polybag	500
16811-500R	Rectal, Fahrenheit, Polybag	500
16811-DSR	Rectal, Dual Scale, Box	72

Quick Read (~10 second oral read)

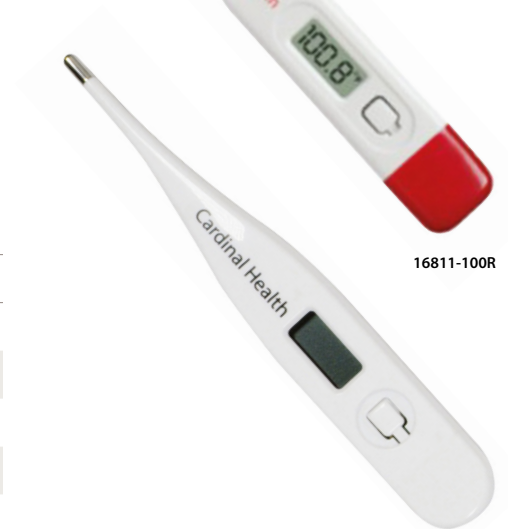
Item code	Description	Ship case
16811-EQRO	Quick Read, Oral, Dual Scale, Polybag	500
16811-EQRR	Quick Read, Rectal, Dual Scale, Polybag	500

Probe Covers

Item code	Description	Ship case
16811-PRBO	Oral Probe Covers, Box	2000
16811-PRBR	Rectal Probe Covers, Box	2000



16811-100R



16811-100



16811-PRBO



14677-493

Ultra Forehead Temperature Indicator

- Encapsulated liquid crystal technology, displays accurate temperature changes in seconds
- Noninvasive and inexpensive alternative to electronic probes
- Indicates temperatures in Celsius and Fahrenheit scales with accuracy to $\pm 1^{\circ}$ Fahrenheit
- Ideal for use with laryngeal masks and mac or regional anesthesia when intubation is not used
- Discrete temperature events: a green color indicates the temperature attained
- Not made with natural rubber latex

Item code	Description	Ship case
14677-493	Ultra Forehead Temperature Indicator	200

Miscellaneous Accessories



303059

Mobile Stand

- Portable thermometer stand with probe cover holder
- Includes Genius™ tympanic thermometer locking mount
- Compatible with the Filac™ 3000 when also purchased with mounting base for mobile stand (item #500047) and wall mounting base with lock (item #500046)

Item code	Description	Ship case
303059	Mobile Stand with Locking Mount	1

1. Based on internal report #P-4359-049, revision 3, *Ear Thermometer Simulated Use Testing for Accuracy*. March 2007.
2. Based on internal report #P-4359-049, revision 2, *Ear Thermometer Simulated One Year Use Testing for Accuracy*. June 2006.
3. Based on internal test report #IEC 60601-1, *Medical electrical equipment — Part 1: General requirements for basic safety and essential performance*. February 2018.
4. Based on internal test report #ISO 80601-2-56, *Medical electrical equipment — Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement*. February 2018.
5. Based on internal test report #COVI0147, revision 1, *Medtronic Genius 3*. July 2017.
6. Based on internal test report #IEC 60601-1-11, *Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance*. Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment. February 2018.