

**GENIUS<sup>TM</sup> 2**  
Tympanic Thermometer

**Critical  
CARE**  
DIAGNOSTIC AND NUTRITIONAL DELIVERY GROUP



***Smarter***  
*than ever.*

# Trust true core temperatures from the one thermometer

with an

# advanced

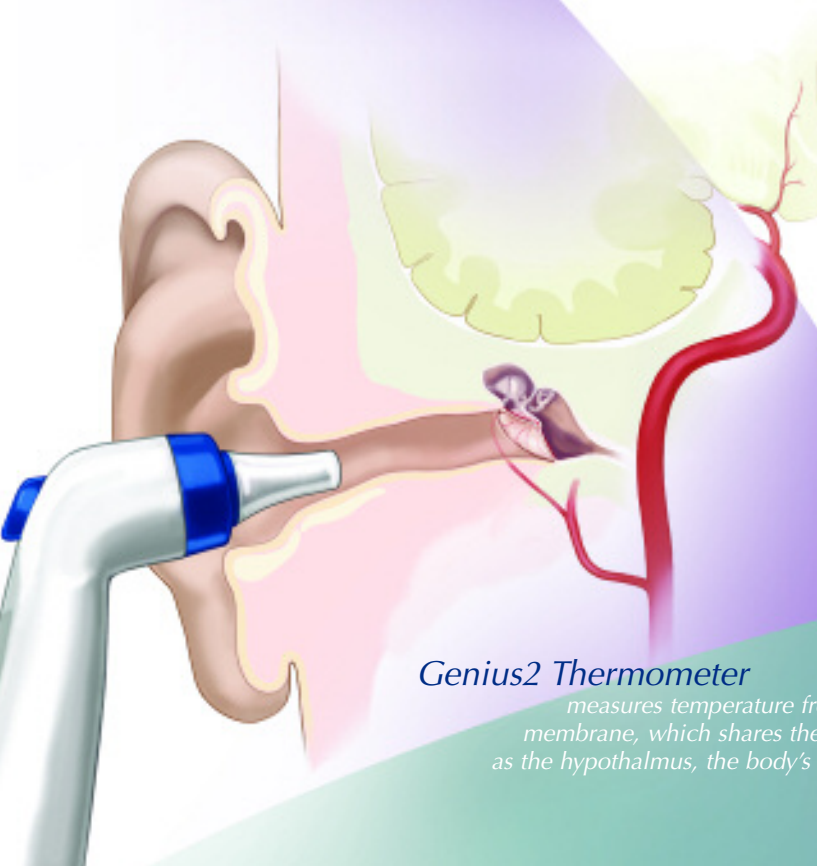
*When you need to get a patient's temperature, you can reach for a standard predictive thermometer, or, consult with a Genius.*

While predictive thermometers generate one peripheral temperature reading, the Genius2 Thermometer uses its proprietary Peak Select™ technology to determine the body's accurate temperature directly from the tympanic membrane. Because the diagnostic value of a thermometer depends on speed and accuracy, reach for Genius2 Thermometer from Kendall. It's smarter than ever.



## Peak Select™ System

- Utilizes infrared technology to derive the most accurate body temperature from the tympanic membrane.
- Records and analyzes up to 100 temperature measurements, and selects the highest and most accurate in less than 2 seconds, as compared to 32 in Genius and 1-8 measurements in competitive thermometers.
- Reduces the chance of an inaccurate reading due to improper technique or patient movement.



### *Genius2 Thermometer*

*measures temperature from the tympanic membrane, which shares the same blood flow as the hypothalamus, the body's natural thermostat.*

# degree.



### ***Durable tip-based sensor technology***

Improves durability and accuracy, minimizing the need for recalibration.

### ***Tapered probe design***

Small tapered tip facilitates proper alignment with the tympanic ear canal to minimize technique errors, enhance patient comfort and facilitate pediatric use.

### ***Rapid response time***

1 - 2 second response maximizes nursing time.

### ***Real time temperatures***

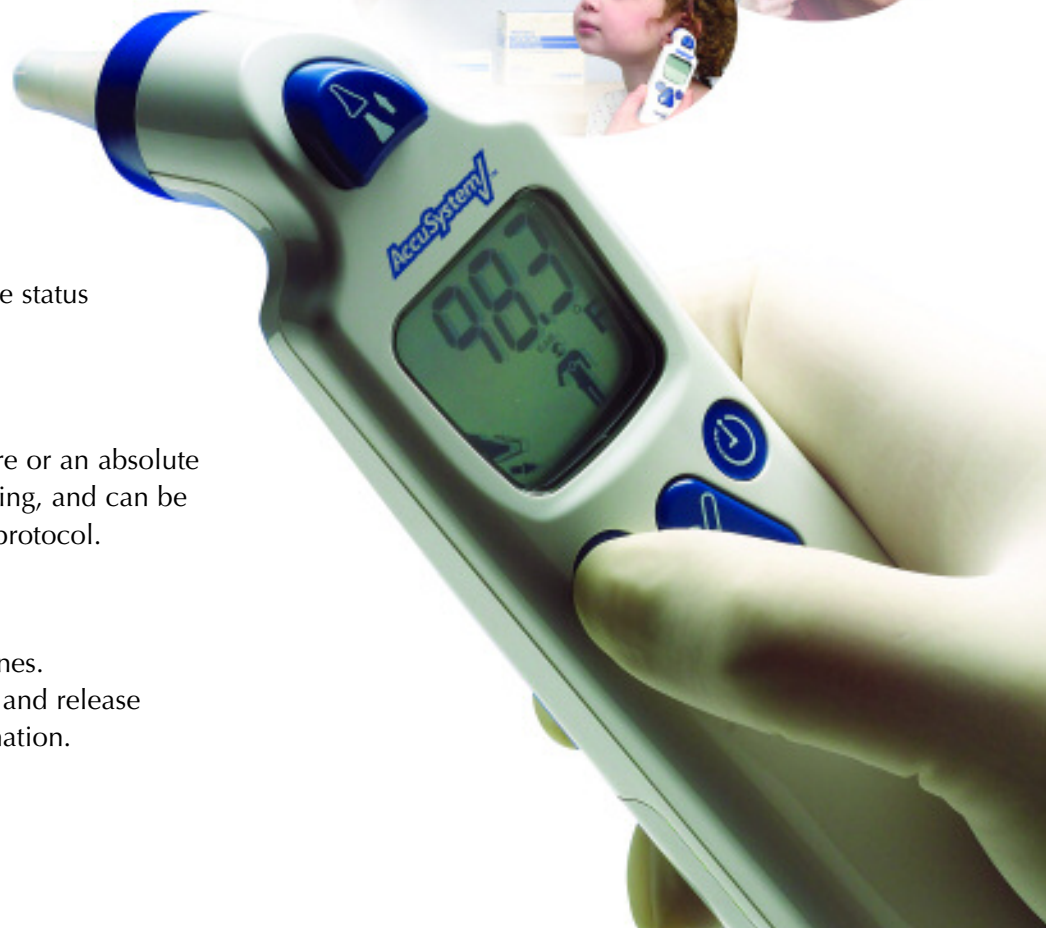
Provides actual current temperature status unlike predictive devices.

### ***Programmable display***

Shows oral, rectal, axillary and core or an absolute temperature reading in the ear setting, and can be customized according to hospital protocol.

### ***Reduces cross-contamination***

No contact with mucosal membranes.  
No-touch probe cover application and release reduce potential of cross-contamination.





## Core Body Temperature

Core body temperature is that measurement which is considered to reflect the body's true temperature.

### CORE BODY TEMPERATURE

Brain | Liver | Heart

### PERIPHERAL TEMPERATURE

Bladder | Oral | Axillary

## Temperature Guidelines

Reference	Fahrenheit	Celsius
Range of Normal Temperatures	97.5° - 99.1°	36.4° - 37.3°
Fever	100.4°	38°
Low-Grade Fever	101.0°	38.3°
High-Grade Fever	>102.9°	>39.4°
Hyperthermia (Neurologic Damage)	107.6°	42°
Mild Hypothermia	93° - 96.8°	34° - 36°
Severe Hypothermia	<86°	<30°

## Product Specifications

Accuracy	+/- 0.1° C (36.7 - 38.9)
Ambient Operating Range	16° C - 33°C (60.8F - 91.4F)
Temperature Range	33.0° C - 42.0° C (91.4F - 107.6F)
Storage Temperature Range	-25° C - 55° C
Measurement Response Time	1 - 2 seconds
Primary Modes	Tympanic/Timer
Battery Life	15,000 temperatures (3 AAA batteries)
Optional Temperature Conversions	Oral/Rectal/Core/Axillary/Ear
Anti-Theft System	Wall mount bracket/Genius2 Mobile Cart

Complies with ASTM and CEN standards.

## Ordering Information

Code Number	Description	Case Quantity
303000	Genius 2 Thermometer w/Base	1
303030	Genius 2 Probe Cover	2,112
303099	Genius 2 Field Cal Checker	1
F31949WT	Genius 2 Replacement Base	1
F31950WT	Genius 2 Replacement Coil Cord	1
F31951WT	Genius 2 Bat Door Replacement	1
303058	Genius 2 Locking Mount Wall	1
303059	Genius 2 Cart w/Locking Mount	1

Warranty: Genius2 Thermometer hardware is warranted for one year from shipment for manufacturer's defect only.

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Healthcare

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For International locations please see  
[www.tycohealthcare.com](http://www.tycohealthcare.com)

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