

BRAUN

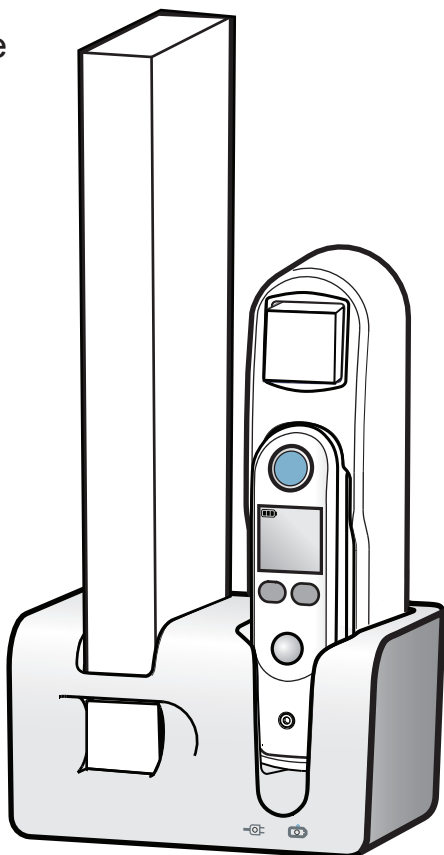
WelchAllyn®

ThermoScan®

PRO 6000

Charging station

Instructions for use



PRO 6000

BRAUN**ThermoScan®****PRO 6000 Charging station**This manual applies to **#** 901009 Accessory, Thermometry

Manufactured by:



Welch Allyn, Inc.
4341 State Street Road
Skaneateles Falls, NY 13153
USA



Welch Allyn Limited
Navan business Park
Dublin Road,
Navan, County Meath
Republic of Ireland
C15 AW22

Authorized Australian Sponsor
Welch Allyn Australia Pty. Limited
1 Baxter Drive
Old Toongabbie, NSW 2146
Australia
1800 445 576

DIR 80031145 Ver. A
Revision Date: 2026-02

REF 06000-100**REF** 06000-125**REF** 06000-150

Baxter Healthcare SA
Thurgauerstrasse 130
8152 Glattpark (Opfikon)
Switzerland

For information about any Baxter product, contact:

Baxter Technical Support:baxter.com/contact-us**Visit locations:**baxter.com/contact-us**Replacement parts:**For a complete list of parts, go to baxter.com

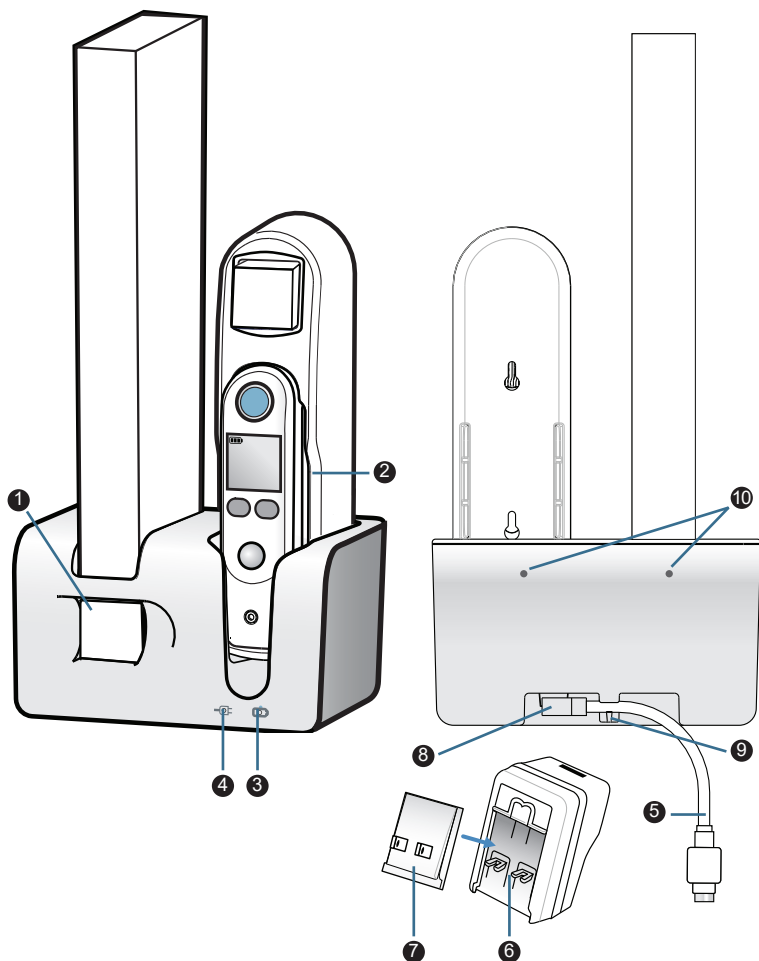
Use only
Baxter
probe covers

This product is manufactured under license to the 'Braun' trademark.
'Braun' is a registered trademark of Braun GmbH, Kronberg, Germany.

ThermoScan is a registered trademark owned by Helen of Troy Limited.



1. Braun ThermoScan® PRO 6000 Charging station



2. Package components

Braun ThermoScan® PRO 6000 Charging station

- 1 Rechargeable battery pack (NiMH)
- 1 Set of interchangeable wall plug(s)
- 1 Wall adapter and USB cable

3. Product description

- ❶ Storage space for sleeve of 200 probe covers
- ❷ **Braun ThermoScan® PRO 6000** Ear thermometer in its cradle
- ❸ Charging indicator
- ❹ Power indicator
- ❺ USB cable 6 ft
- ❻ Wall adapter
- ❼ Interchangeable plug (available in 4 different configurations)

Model number	Plug configuration	
PRO6000BSNA / 06000-100	North America / China plug	
PRO6000BSEU / 06000-125	EU & UK plugs	
PRO6000BSAU / 06000-150	Australia plug	

- ❽ USB connection adapter
- ❾ USB retaining clip
- ❿ Wall mounting holes

SAVE THESE INSTRUCTIONS

The charging station for the **Braun ThermoScan® PRO 6000** Ear thermometer, a clinical grade thermometer, provides charging and security function, as well as storage for the thermometer and the probe cover dispensers. Before use, read the directions for use carefully.

4. Warnings and precautions

This device complies with relevant electromagnetic interference, mechanical safety, performance, and biocompatibility standards. However, it cannot completely eliminate potential patient or user harm from the following:

- Harm or device damage associated with electromagnetic hazards
- Harm from mechanical hazards
- Harm from device, function, or parameter unavailability
- Harm from misuse error, such as inadequate cleaning
- Harm from device exposure to biological triggers that may result in severe systemic allergic reaction

To reduce the risk of electric shock:



WARNING Do not reach for charging station that has fallen into water. Unplug immediately.



WARNING Do not place, store or charge the charging station where it can fall or be pulled into a tub or sink. Do not place or drop in water or other liquid.



WARNING Unplug this charging station before cleaning.



WARNING The charging station is provided with a low-voltage wall adaptor (Medical Wall Mount Adapter, type TMW7-5-IPW). Therefore you must not exchange or manipulate any part of it. Otherwise there is risk of electric shock.



WARNING Professional use only.



CAUTION In order to charge the thermometer, the charging station must only be used with the rechargeable battery pack supplied with this unit.

To reduce the risk of burns, fire, electric shock, or injury to persons:



WARNING The charging station must not be operated within 4.92 ft (1.5 m) of the patient's vicinity.



CAUTION Use this appliance only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.



WARNING Do not modify this equipment without authorization of manufacturer.



CAUTION The appliance should never be exposed to temperatures of less than -20 °C (-4 °F) and more than +50 °C (122 °F). Keep the appliance and cord dry at all times. Do not handle with wet hands. Do not store in a damp environment. To avoid damage do not wind the cord around the appliance. It is important to check the cord for damage periodically (every 3 months) particularly at each end where the cord enters the plug.



WARNING Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or if it has been dropped into water. Return the appliance to a service center for examination and repair.



CAUTION Keep the cord away from heated surfaces.



WARNING Never drop or insert any object into any opening.



CAUTION Always attach plug to appliance first, then to outlet.



CAUTION This device complies with current required standards for electromagnetic interference and should not present a problem to other equipment nor is it affected by other devices. As a precaution, avoid using this device in close proximity to other equipment.



WARNING Do not position the device so that it is difficult to operate or disconnect the device (Plug).



WARNING The use of thermometers adjacent to or stacked with other equipment or medical electrical systems should be avoided because it could result in improper operation. If such use is necessary, the thermometers and other equipment should be observed to verify that they are operating normally.



WARNING Maintain minimum separation distance between the Braun ThermoScan® PRO 6000 Ear thermometer and portable RF communication equipment. The Braun ThermoScan® PRO 6000 Ear thermometer performance might degrade if you do not maintain a proper distance between equipment.



WARNING Use only accessories recommended by Welch Allyn for use with the Braun ThermoScan® PRO 6000 Ear thermometer. Accessories not recommended by Welch Allyn might affect the EMC emissions or immunity.



CAUTION Do not touch the charger contacts and patient simultaneously. Doing so may lead to mild electric shock from exposure to low level electrical current.

5. Setup

5.1 Battery installation

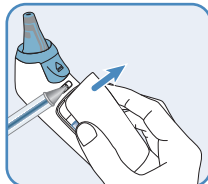
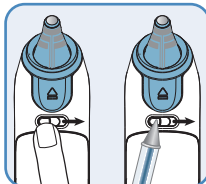
The charging station is supplied with 1 rechargeable battery pack. To make use of the charging function place the rechargeable battery pack in the battery compartment of the thermometer.

The battery pack may not be charged when delivered.

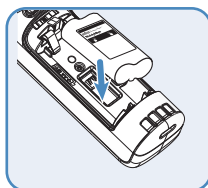


CAUTION Please charge the device for 3 hours in the charging station before use. See "Connecting" and "Charging the thermometer."

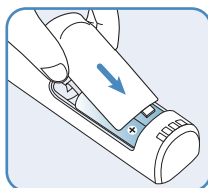
- 1 Open battery door by sliding spring latch to the right using your finger or a pointed object such as a pen. While holding the latch in the open position, grasp the battery door and remove it.



- 2 Insert rechargeable battery pack into battery compartment with battery label facing outward.



- 3 Snap the battery door back into place and ensure the latch returns to original latched position.



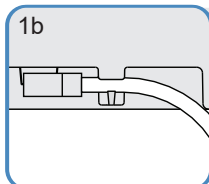
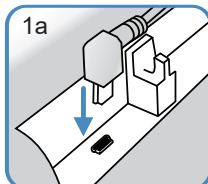
This product contains batteries and recyclable electronic waste. To protect the environment, do not dispose of it in the trash, but take it to appropriate local collection points according to national or local regulations.



CAUTION Do not disassemble, short circuit or dispose of in fire. Do not mix with different battery types.

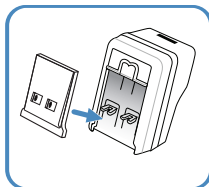
5.2 Connecting

- 1 Connect the USB cable to the back of the charging station (1a) and feed the cable through the retaining clip (1b).



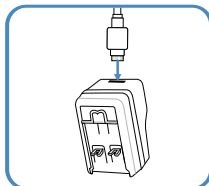
- 2 Select the appropriate interchangeable plug for your country and region (if more than one plug is supplied).

- 3 Connect the plug to the wall adapter.

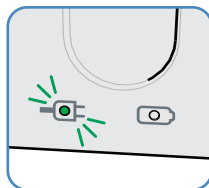


- 4 Plug USB cable into wall adaptor.

- 5 Plug the entire assembly into the electrical outlet.



- 6 A green light will illuminate, indicating the charging station is ready for use.



5.3 Mounting instructions (optional)

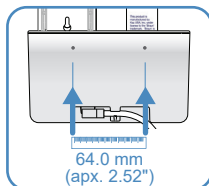
The charging station can be mounted to a wall or set up on a flat surface. The charging station should be mounted to the wall after completing Step 3 in "Connecting."

The following materials will be needed for mounting:

- 2 Phillips head #8 pan head screws (included)
- 2 Flush mount dry wall anchors (included)
- Ruler (not included)
- Phillips head screwdriver –#2 drive (not included)

To mount to wall:

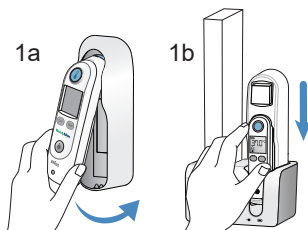
- 1 Ensure the USB cable is disconnected from the electrical outlet but still attached to the charging station. The USB connection on the charging station will not be accessible after mounting.
- 2 Locate the screws and dry wall anchors included with charging station.
- 3 Locate mounting holes on back of charging station.
- 4 Using the provided drywall anchors and screws affix the charging station to the wall or other secure location.



Note: If affixing the charging station to a surface other than drywall, please use fasteners appropriate to the surface.

5.4 Charging the thermometer

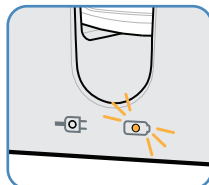
- 1 Place the thermometer with rechargeable battery pack installed into the thermometer cradle (1a). Place the thermometer in cradle into the charging station (1b).



- 2 The thermometer will produce an audible beep.



- 3 The charging indicator on the charging station will illuminate amber.

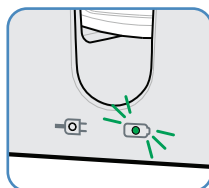


- 4 The battery charge status will be displayed on the thermometer LCD.

The charging indicator on the charging station will change to green when the thermometer is fully charged (approximately 3 hrs. if battery is empty). It is not possible to overcharge the batteries. It is recommended that the thermometer is stored in the charging station when not in use to maintain a full charge.



Please note, even with a full battery the charging station may take up to 5 minutes to recognize the full battery level. If this occurs the charging indicator will be amber upon installation of the thermometer in the charging station and then turn to green once the fully charged battery is recognized.



If you notice the charging station indicates a full charge (green charging indicator) but the thermometer LCD does not indicate a full charge it maybe a result of the charging station or batteries being overly warm. It is recommended that you remove the charge station to a cooler environment.

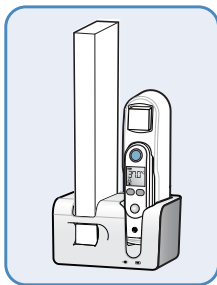
If the charging indicator is not illuminated one of the following may have occurred:

- Alkaline batteries (non rechargeable) are installed
- Thermometer / charging station are not connected correctly to an electrical source
- Thermometer is not correctly installed in the charging station

6. Security function

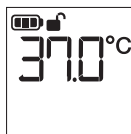
The **Braun ThermoScan® PRO 6000** Ear thermometer is equipped with a security function which requires returning the thermometer to the charging station within a pre-selected time. If this time is exceeded, the thermometer will be locked. The security feature can be set through the **Welch Allyn Service Tool** up to 12 hours / 720 minutes.

When leaving the factory, the security function of the **Braun ThermoScan® PRO 6000** Ear thermometer is turned off. Security is only available via the use of the **Welch Allyn Service Tool** software and requires the charging station or any compatible Baxter vital signs device to initiate. The security function may be used with rechargeable or alkaline batteries. See "Settings" to access this feature and change the settings.

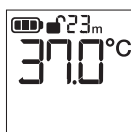
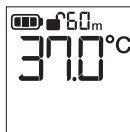


6.1 How it works

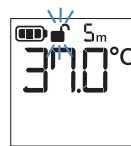
- 1 When the security function is enabled, an unlocked icon is displayed next to the battery indicator during normal use to show that the security function is active.



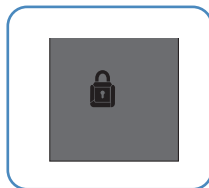
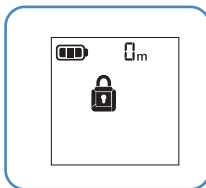
- 2 When the thermometer is within 60 minutes of the time limit a countdown clock showing the number of minutes remaining is shown next to the unlocked icon.



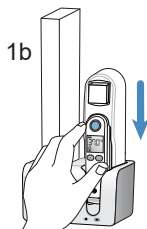
- 3 At 5 minutes prior to expiration the thermometer will begin to beep once per minute and the unlocked icon will flash to indicate imminent locking of the thermometer.



- 4 Upon expiration of the time limit, the unlocked icon and countdown timer will be replaced with the locked icon and the thermometer will beep once every 5 minutes to indicate locked state. Any button pressed in the locked state will result in an error beep and no other response from the thermometer. The thermometer cannot be used in the locked state.



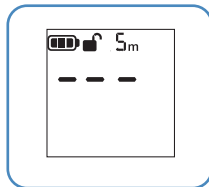
- 5 Unlock the thermometer by returning it to the charging station.



- 6 The thermometer will produce an audible notification and the backlight will illuminate for 5 seconds.



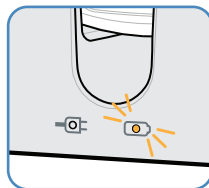
- 7 The time limit will be reset and the thermometer will return to the unlocked state for normal operation. When unlock state has been achieved, the thermometer will beep and the display will return.



8 Charging the thermometer with security function enabled:

If rechargeable batteries are installed the amber light on the charging station will illuminate indicating charging has resumed and the battery icon will appear on the thermometer display.

Although security function will operate, if alkaline batteries (non rechargeable) are installed in the thermometer the amber light will not illuminate on the charging station, the battery icon will not appear on the thermometer display and the batteries will not charge.



6.2 Security function settings

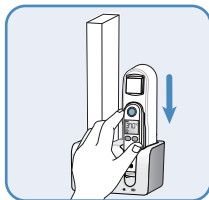
The charging station or compatible Baxter vital signs device can be used with the **Welch Allyn Service Tool** to modify settings on the thermometer.

The **Welch Allyn Service Tool** software is required to modify the thermometers configuration.

A charging station and rechargeable batteries or compatible Baxter device is required to connect to the PC running the **Welch Allyn Service Tool**.

Follow the instructions to access **Braun ThermoScan® PRO 6000** Ear thermometer advanced settings using the **Welch Allyn Service Tool**.

1 Dock the **Braun ThermoScan® PRO 6000** Ear thermometer in the charging station.



2 The recommended action is to use the USB cable that connects to the wall adapter—unplug it from the wall adapter and plug it into your computer.



- 3 a. Launch the **Welch Allyn Service Tool**.
- b. If the startup screen with the "Add new features" and "Service" button appears click **Service**.
- c. Log in as ADMIN with no password or use any account you previously created.

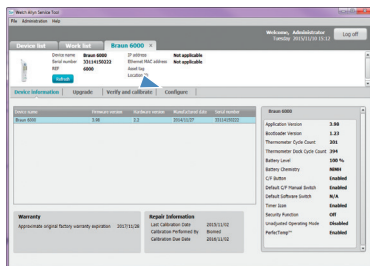
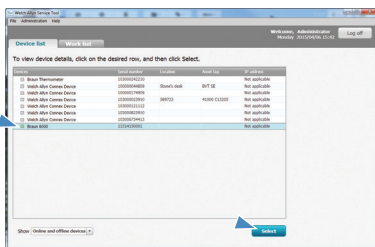


NOTE If the log on prompt does not appear click the Log on button. You must be logged on to access the configuration dialog.

- 4 Click the **Braun 6000** thermometer from the device list to highlight and click the select button.

- 5 The Device tab opens.

- 6 Click the Configure tab to the right of the device information tab.



7. Maintenance and service

7.1 Cleaning



Caution



CAUTION Do not use bleach solutions of any kind when cleaning metal electrical contacts. They will damage the contacts.



CAUTION Clean the contacts only with 70% isopropyl alcohol. Allow contacts to dry for 1 minute.

As needed, clean the charging station with a slightly damp cloth or cleaning wipe with a 70% isopropyl or ethyl alcohol solution, 10% chlorine bleach solution, non-staining cleaning solutions (e.g. **CaviWipes**, **Sani-Coth**) or hydrogen peroxide (e.g. **Virox** and **Oxivir**) cleaning solutions.

Approved cleaning solutions			
Family	Solution or brand	Charge station body	Contacts
Chlorine and chlorine compounds	10% Chlorine bleach solution	Yes	No
Quaternary ammonium compounds	CaviWipes Clinell Universal Wipes SaniCloth Metrex	Yes	No
Hydrogen peroxide	Virox Oxivir	Yes	No
Alcohol	70% isopropyl or ethyl alcohol	Yes	Yes

Additional cleaning agents may be periodically evaluated for compatibility. If your cleaning agent is not listed, contact Baxter Customer Service to determine if additional cleaning agents are approved for use.



NOTE If any cleaning agent other than isopropyl or ethyl alcohol comes into contact with the contacts immediately wipe dry. Then clean the contacts with isopropyl or ethyl alcohol.



Caution



CAUTION Do not use abrasive cleaning agents.



WARNING Unplug the charging station before performing any maintenance or service.



WARNING Do not submerge the charging station in water or any other liquid.



CAUTION Wipes should be moist, not saturated. Excess liquid may cause damage to the charging station.



CAUTION To clean the thermometer and cradle follow the **Braun ThermoScan® PRO 6000** Ear thermometer cleaning instructions as specified in the **Braun ThermoScan® PRO 6000** Instructions for use, maintenance & service.



WARNING It is important to check the cord for damage periodically (every 3 months) particularly at each end where the cord enters the plug.

7.2 Storage instructions

Store thermometer and probe covers in a dry location (the thermometer is not protected against ingress of water), free from dust and contamination and away from direct sunlight. The ambient temperature at the storage location should remain fairly constant and within the range of -20–50 °C (-4–122 °F).

8. Specifications

External medically certified power supply ratings:

Output voltage:	5 Vdc
Output current:	1 A
Input voltage:	100–240 VAC
Input current:	0.3 A
Input frequency:	50–60 Hz
Storage temperature:	-20–50 °C (-4–122 °F)
Storage humidity:	0–85% non condensing
Operating ambient temperature range:	10–40 °C (50–104 °F)
Operating relative humidity range:	15–95% non condensing
Electrical rating:	750 mAh
Rechargeable battery warranty:	3 years
Battery capacity:	Up to 700 temperature measurements per full charge / 3 V
Rechargeable battery type:	Customized dual battery pack (NiMH)
Charging station dimensions:	3.51 in H × 4.08 in D × 6.02 in W (89.2 mm H × 103.7 mm D × 153.0 mm W)
Charging station weight:	5.3 oz /150 g
Ingress protection:	IPX0



CAUTION Do not use this device in the presence of electromagnetic or other interference outside the normal range specified in IEC 60601-1-2.



Intertek

Authorized Australian Sponsor
Welch Allyn Australia Pty. Limited
1 Baxter Drive
Old Toongabbie, NSW 2146
Australia
1800 445 576

NiMH

Symbol definitions:

For information on the origin of these symbols, see the Welch Allyn symbols glossary: welchallyn.com/symbolsglossary.



Type BF Applied Part



Caution

The caution statements in this manual identify conditions or practices that could result in damage to the equipment or other property, or loss of data.



Warning

The warning statements in this manual identify conditions or practices that could lead to illness, injury, or death. Warning symbols will appear with a grey background in a black and white document.



Class II Equipment



The product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.



Consult instructions for use



Power indicator



Charging indicator



Storage temperature



Storage humidity

NiMH

Nickel-metal hydrid battery



Manufacturer



Manufacturer date



Keep dry

GTIN

Global Trade Item Number

LOT

Lot code

REF

Reorder number



Importer

SN

Serial number

#

Product identifier

UDI

Unique device identifier

MD

Medical device



Do not reuse, Single use device



Fragile



Latex free



BPA



Recycable

9. EMC information

Special precautions concerning electromagnetic compatibility (EMC) must be taken for all medical electrical equipment. The **Braun ThermoScan® PRO 6000** Ear thermometers comply with IEC/EN 60601-1-2.

- All medical electrical equipment must be installed and put into service in accordance with the EMC information provided in the device's instructions for use.
- Portable and mobile RF communications equipment can affect the behavior of medical electrical equipment.

The device complies with all applicable and required standards or electromagnetic interference.

- It does not normally affect nearby equipment and devices.
- It is not normally affected by nearby equipment and devices.
- It is not safe to operate the device in the presence of high-frequency surgical equipment. It is good practice to avoid using the device in extremely close proximity to other equipment.

9.1 Electromagnetic emissions



NOTE The **Braun ThermoScan® PRO 6000** Ear thermometer has essential performance requirements associated with temperature measurement. In the presence of EM disturbances, the device may not display a measurement. Once the EM disturbances stop, the Braun ThermoScan® PRO 6000 Ear thermometer will self-recover and perform as intended.

Emissions test	Compliance
RF emissions CISPR 11	Group 1, Class B
Harmonic emissions IEC 61000-3-2	Class A
Voltage fluctuations/flicker emissions IEC 61000-3-3	Complies

9.2 Electromagnetic immunity

Immunity test	IEC 60601 test and compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±15 kV air
Electrical fast transient/burst IEC 61000-4-4	+/- 2kV for power lines
Surge IEC 61000-4-5	+/- 0.5 kV, +/- 1 kV line(s) to line(s)
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0 % UT; 0.5 cycle At 0°, 45°, 135°, 180°, 225°, 270°, 315°, 0% UT; 1 cycle
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz–80 MHz 6 Vrms in ISM bands from 150 kHz–80 MHz 80% AM at 1 kHz
Radiated RF IEC 61000-4-3	3 V/m 80 MHz–2.7 GHz 80% AM at 1 kHz

9.3 Recommended separation distances between portable and mobile RF communications equipment and the thermometers

The **Braun ThermoScan® PRO 6000** Ear Thermometers are intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or user of the thermometers can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the thermometers as recommended in this table, according to the maximum output power of the communications equipment.

Rated max. output power of transmitter (W)	Separation distance according to frequency of transmitter (m)			
	150 kHz–80 MHz outside ISM bands	150 kHz–80 MHz in ISM bands	80–800 MHz	800 MHz–2.7 GHz
	$d = \lfloor \frac{3.5}{V_1} \rfloor \sqrt{P}$	$d = \lfloor \frac{12}{V_2} \rfloor \sqrt{P}$	$d = \lfloor \frac{12}{E_1} \rfloor \sqrt{P}$	$d = \lfloor \frac{23}{E_1} \rfloor \sqrt{P}$
0.01	0.12	0.20	0.40	0.77
0.1	0.37	0.63	1.26	2.42
1	1.17	2.00	4.00	7.67
10	3.69	6.32	12.65	24.24
100	11.67	20.00	40.00	76.67



NOTE For transmitters rated at a maximum output power not listed in this table, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.



NOTE At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.



NOTE These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

9.4 Test specifications for enclosure port immunity to proximity magnetic fields

Test frequency	Modulation	Immunity test level (A/m)
134.2 kHz	Pulse modulation ¹ 2.1 kHz	65 (rms before modulation is applied)
13.56 MHz	Pulse modulation ¹ 50 kHz	7.5 (rms before modulation is applied)

¹ The carrier shall be modulated using a 50% duty cycle square wave signal.

9.5 Test specifications for enclosure port immunity to RF wireless communications equipment (IEC 61000-4-3)

Test freq. (MHz)	Band (MHz) ¹	Service ¹	Modulation	Maximum power (W)	Distance (m)	Immunity test level (V/m)
385	380–390	TETRA 400	Pulse modulation ² 18 Hz	1.8	0.3	27
450	430–470	GMRS 460, FRS 460	FM3 ± 5 kHz deviation 1 kHz sine	2	0.3	28
710 745 780	704–787	LTE band 13, 17	Pulse modulation ² 217 Hz	0.2	0.3	9
810 870 930	800–960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ² 18 Hz	2	0.3	28
1720 1845 1970	1700– 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation ² 217 Hz	2	0.3	28
2450	2400– 2570	Bluetooth® , WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation ² 217 Hz	2	0.3	28
5240 5500 5785	5100– 5800	WLAN 802.11 a/n	Pulse modulation ² 217 Hz	0.2	0.3	9

¹ For some services, only the uplink frequencies are included.

² The carrier shall be modulated using a 50% duty cycle square wave signal.

³ As an alternative to FM modulation, 50% pulse modulation at 18 Hz may be used because, while it does not represent actual modulation, it represents the worst case.

10. Warranty

For Model Braun ThermoScan® PRO 6000 Charging station

Welch Allyn (an affiliate of Baxter) warrants the product to be free of defects in material and workmanship and to perform in accordance with manufacturer's specifications for the period of 3 years from the date of purchase from Baxter or its authorized distributors or agents.

The date of purchase is: 1) the invoiced ship date if the device was purchased directly from Welch Allyn, 2) the date specified during product registration, or 3) the date of purchase of the product from a Welch Allyn authorized distributor as documented from a receipt from said distributor, whichever date is earlier.

This warranty does not cover damage caused by 1) handling during shipping, 2) use or maintenance contrary to labeled instructions, 3) alteration or repair by anyone not authorized by Baxter, or 4) accidents. This warranty does not cover batteries, damage to the probe window, or damage to the instrument caused by misuse, negligence or accident, and extends to only to the first purchaser of the product. Replaced units under warranty will have the remainder of the replaced unit's warranty length. Additionally, this warranty becomes void if the thermometer is operated with anything other than genuine Baxter probe covers.