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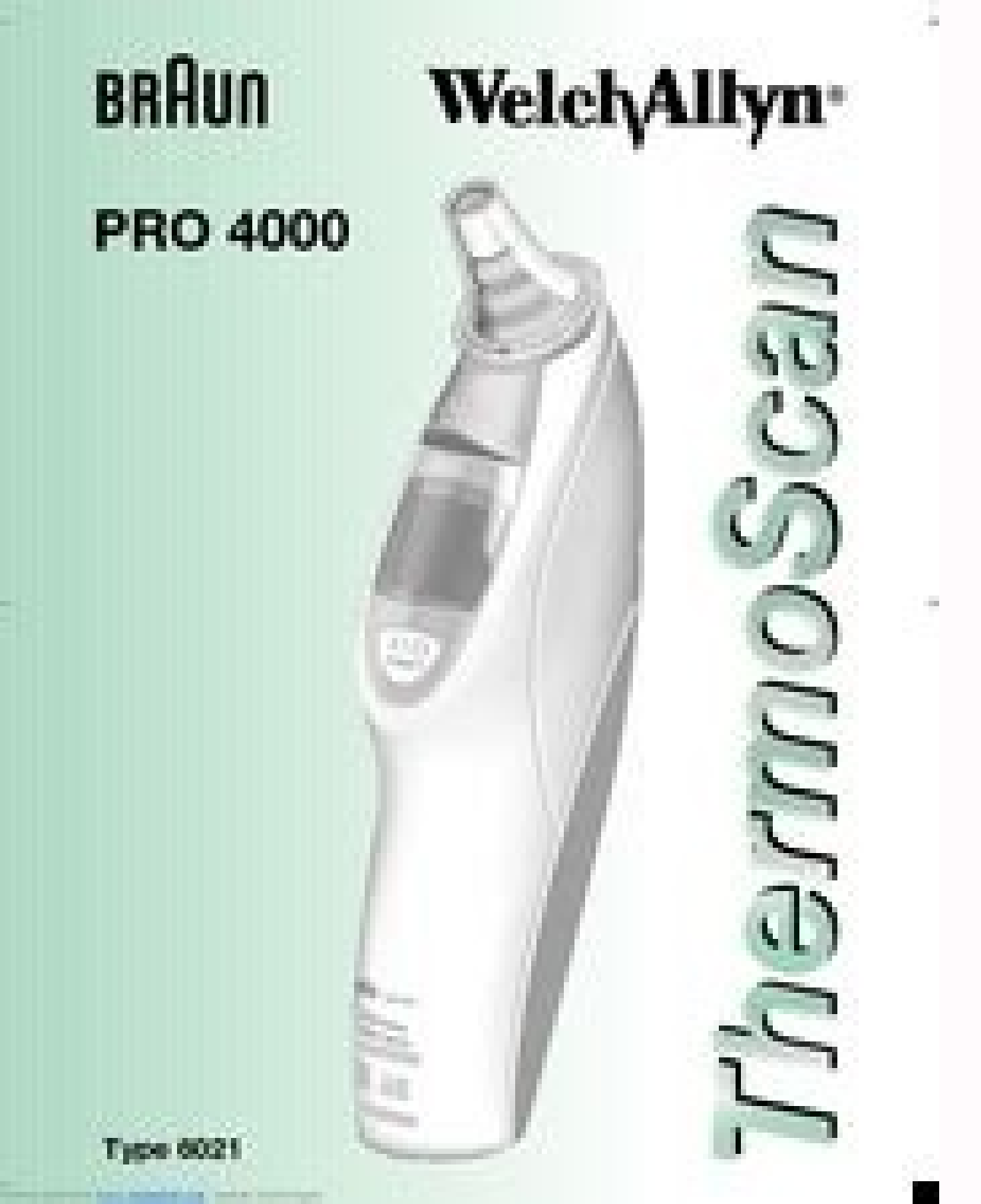

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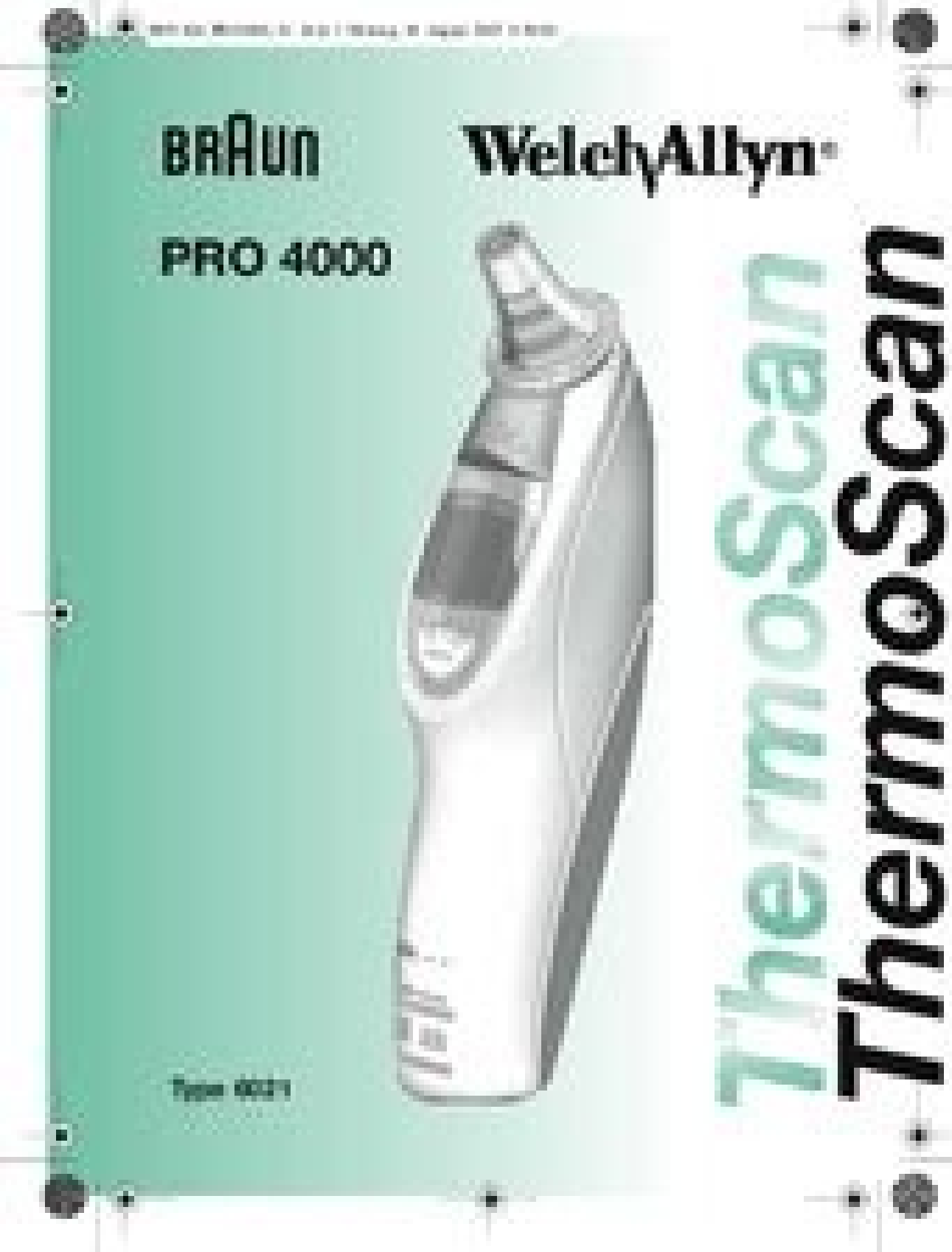
Welch allyn braun 6021 thermometer manual

Braun welch allyn thermometer reset. How to use braun welch allyn ear thermometer. Braun welch allyn thermometer troubleshooting. Change battery on braun welch allyn thermometer.

▼ Scroll to page 2 of 46 advertisement Thank you for your participation! * Your assessment is very important for improving the workof artificial intelligence, which forms the content of this project 11 Trouble-shooting Error message Situation Solution Battery is low, but thermometer will still operate correctly. Insert new batteries.Battery is too low to take correct temperature measurements.Insert new batteries.Do you have any further questions?... contact Welch Allyn at 1-800-535-6663 (in Canada at 1-800-561-8797). Replacing the batteries The thermometer is supplied with two 1.5 V batteries type AA (LR 6).



For best performance, we recommend Duracell ® alkaline batteries.Insert new batteries when the battery symbol appears on the display.Open the battery compartment. Remove the batteries and replace with new batteries, making sure the poles are in the right direction.Slide battery door back until it snaps in place.To protect the environment, dispose of empty batteries according to national or local regulations. Calibration The thermometer is initially calibrated at the time of manufacture. If this thermometer is used according to the use instructions, periodic readjustment is not required. If at any time you question the accuracy of temperature measurements, please contact Welch Allyn (see page 14).Manufacturing date is given by the LOT number located in the battery compartment. The first number after LOT represents the last digit of the year of manufacture. The next three digits give the day of the year of manufacture. An example: LOT 0116 xx xx - this product has been manufactured on the 116th day of the year 2000.12 6021221_PRO4000_S4-46 Seite 11 Dienstag, 21. März 2006 10:24 10Page 2 10 Trouble-shooting Error message Situation Solution No probe cover is attached. Attach new, clean probe cover. (flashing)(POS = position error)The infrared monitor cannot find a temperature equilibrium and allows no measurement. Clear the display by pushing the «Start» button once.Ensure that the positioning of the probe is correct and remains stable.Ambient temperature is not within the allowed operating range 50-104 °F (10- 40 °C) or changing too rapidly.Allow the thermometer to remain for 30 minutes in a room where the temperature is between 50 and 104 °F / 10 and 40 °C.Temperature taken is not within typical human temperature range (93.2-108 °F (34- 42.2 °C).HI = too highLO = too lowMake sure the probe tip and lens are clean and a new, clean probe cover is attached. Make sure the thermometer is properly inserted into the ear canal. Then, take a new temperature.System errorIf error persists,Wait 1 minute until the thermo-meter turns off automatically, then turn on again..... reset the thermometer by re-moving the batteries and putting them back in..... contact Welch Allyn at 1-800-535-6663 (in Canada at 1-800-561-8797). 6021221_PRO4000_S4-46 Seite 10 Dienstag, 21. März 2006 10:24 10Page 3 13 Product specifications Displayed temperature range: 68-108 °F (20- 42.2 °C) Operating ambient temperature range: 50-104 °F (10- 40 °C) Display resolution: 0.1 °F or °CAccuracy for displayed temperature range: ±0.4 °F (95.9-107.6 °F) (35.5 °C- 42 °C)±0.5 °F (outside this temperature range) Long term storage ranges Temperature: -4 °F to 122 °F (-20 °C to 50 °C)Humidity: 95% non condensingShock: withstands drop of 3 feetMeasurement time: 3-7 secondsAutomatic «power down»: 60 secondsBattery life: 6 months/1000 measurementsBattery type: 2 x MN 1500 or 1.5 V AA (LR6)Thermometer dimension: 6" x 1.7" x 1.3" (152 mm x 44 mm x 33 mm)Thermometer weight: 3.6 oz (100 g) without batteriesThis infrared thermometer meets requirements established in ASTM Standard E 1965-98 (for the thermometer system (thermometer with probe cover)). Full responsibility for the conformance of the product to the standard is assumed by Braun GmbH, 61476 Kronberg, Germany. ASTM laboratory accuracy requirements for the thermometer only (not including a probe cover) in the display range of 96.8 °F to 102.2 °F (36 °C to 39 °C) for infrared thermometers is ± 0.4 °F (± 0.2 °C), whereas for mercury-in-glass and electronic thermometers, the requirement per ASTM Standards E 667-86 and E 1112-86 is ± 0.2 °F (± 0.1 °C). A clinical summary is available upon request.This device conforms to the following standards: DIN EN 60601-1: 3/96 «Medical electrical equipments» - Part 1: General requirements for safetyDIN EN 12470-5: 2003 «Clinical thermometers» - Part 5: Performance of infrared ear thermometers (with maximum device)The Braun ThermoScan thermometer has been proven to be safe. To ensure the best results, please take the time to read this manual completely and keep it handy for future reference. In the unlikely event you experience any difficulty using the Braun ThermoScan thermometer, simply call Welch Allyn toll free at: 1-800-535-6663 (in Canada:1-800-561-8797).This products conforms to the provisions of the EC directive 93/42/EEC (Medical Device Directive).0297 6021221_PRO4000_S4-46 Seite 13 Dienstag, 21. März 2006 10:24 10Page 4 15 Limited three year manufacturer's warranty For Model Pro 4000The PRO 4000 instrument is warranted by Braun to be free from defects in material and workmanship under normal use and service for a period of three years from the date of delivery to the first professional user who purchases the instrument.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. Additionally this warranty becomes void, if the thermometer is operated with anything other than genuine Braun ThermoScan ® Probe Covers.Thermometer service or replacement will be carried out by Braun subject to the terms of this warranty. Loss or damage in return shipment to Braun shall be at purchaser's risk. Braun reserves the right to replace a non-conforming product with the most comparable product currently available. This product has a five year minimum expected lifetime.IN NO EVENT SHALL BRAUN BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE PURCHASE OR USE OF ANY PRODUCT. This warranty shall not apply to, and Braun shall not be responsible for, any loss arising in connection with the purchase or use of any product which has been serviced by anyone other than a Braun authorized service representative or altered in any way so as, in Braun's judgement, to affect its stability or reliability, or which has been subject to misuse or negligence or accident, or which has the serial number or lot number altered, effaced or removed, or which has been used other than in accordance with the instructions furnished by Braun.



IN NO EVENT SHALL BRAUN'S LIABILITY EXCEED THE ORIGINAL COST OF THE PRODUCT.This warranty is in lieu of all other warranties, express or implied, and of all other obligations or liabilities on Braun's part, and Braun neither assumes nor authorizes any representatives or other person to assume for it any other liability in connection with the sale of its products.TO THE EXTENT PERMITTED BY LAW, BRAUN DISCLAIMS ALL STATUTORY AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.Manufactured by: Braun GmbHKronberg, GermanyDistributed by/distribué par: USAWelch Allyn, Inc.4341 State Street Road, P.O. Box 220Skaneateles Falls, NY 13153-0220CanadaWelch Allyn Canada Ltd.160 Matheson Blvd. East, Unit 2Mississauga, Ontario L4Z 1V4 6021221_PRO4000_S4-46 Seite 15 Dienstag, 21. März 2006 10:24 10Page 5 18 Contenu de l'emballage • Thermomètre Braun ThermoScan • Guide d'utilisation et d'entretien • 2 piles Duracell Alcaline• Articles supplémentaires pouvant être inclus selon les indications de l'emballage extérieur Description du produit 1. Protecteur de sonde2. Sonde3. Détecteur de protecteur de sonde/mode automatique « on »4. Ejecteur de protecteur de sonde5. Ecran LCD6. Touche « I/O » (mise en marche/mémorisation)7. Témoin « ExacTemp »8. Touche de lecture9. Couvercle du compartiment des piles10. Etui de protection Mode opératoire du thermomètre Braun ThermoScan 1.Toujours mettre une nouvelle protection de sonde (1), propre, à chaque utilisation, pour garantir une lecture précise.2.Le thermomètre se met en marche automatiquement dès que l'on met en place la protection de sonde.Attendez le bip sonore indiquant que le thermomètre est prêt à l'emploi.3.Introduisez la sonde délicatement dans le conduit auditif et appuyez sur la touche de lecture (8).Si la sonde a été correctement placée dans le conduit auditif pour la durée nécessaire à la mesure, un bip sonore long confirme la fin de la mesure. Votre température a alors été mesurée précisément. Le résultat apparaît sur l'afficheur, LCD (5).startThermoScanExacTen 6021221_PRO4000_S4-46 Seite 18 Dienstag, 21. März 2006 10:24 10Page 6 1.Use siempre un protector de sonda nuevo y limpio en cada medición para asegurar una lectura precisa.2.En el momento en que se coloca el protector de sonda, el termómetro se conecta automática-mente. Espere a que aparezca la señal de ope-ratividad.3.Introduzca la sonda en el canal auditivo tanto como sea posible y pulse el botón de inicio.4.Si la sonda se ha colocado correctamente en el canal auditivo, una señal acústica de larga duración confirma el final de la medición. En este momento puede estar seguro de que ha medido su temperatura con precisión. El resultado aparece en la pantalla.Si la medición se realiza en otra persona, se puede utilizar la luz «ExacTemp». La luz parpadeará si la sonda se ha introducido de forma adecuada durante el proceso de medición y permanece encendida si se ha realizado la medición correc-tamente. »Cómo utilizar Braun ThermoScanEspañol6021221_PRO4000_S4-46 Seite 46 Dienstag, 21. März 2006 10:24 10 Page 7 4The Braun ThermoScan thermometer has been carefully developed for accurate, safe and fast human body temperature measurements in the ear. The shape of the thermometer probe prevents it from being inserted too far into the ear canal which could perforate the tympanic membrane. However, as with any thermometer, proper technique is critical to ob-taining accurate temperatures. Therefore, please read all instructions carefully and thoroughly before using this product.Important • Do not expose the thermometer to temperature extremes (below -4 °F / - 20 °C or over 122 °F / 50 °C) nor excessive humidity (> 95 % RH).• The probe window must be kept clean, dry, and undamaged at all times to ensure accurate measurements. To protect the probe window, always keep the thermometer in the storage cover while transporting or when not in use. • This thermometer must only be used with genuine Braun ThermoScan probe covers (PC 800). • To avoid inaccurate measurements, always attach a new, clean probe cover for each temperature measurement. • If the thermometer is accidentally used without a probe cover attached, clean the lens (see section «Care and cleaning»). How does Braun ThermoScan work? Braun ThermoScan measures the infrared heat generated by the eardrum and surrounding tissues. To help ensure accurate temperature measurements, the sensor itself is warmed to a temperature close to that of the human body. When the Braun ThermoScan is placed in the ear, it continuously monitors the in-frared energy until a temperature equilibrium has been reached and an ac-curate measurement can be taken. Why measure in the ear? Clinical studies have shown that the ear is an excellent site for temperature measurement because temperatures taken in the ear reflect the body's core temperature 1 . Body temperature is regulated by the hypothalamus 2 , which shares the same blood supply as the tympanic membrane 3 . Changes in core body temperature are usually seen sooner at the tympanic membrane than at other sites, such as the rectum, mouth or under the arm. Advantages of taking temperatures at the ear versus traditional sites: • Axillary temperature measurements reflect skin temperature which may not reliably indicate the internal body temperature. • Rectal temperatures often lag significantly behind internal body temperature changes, especially at times of rapidly changing temperatures. Also, there is a risk of cross contamination. • Oral temperatures are often influenced by eating, drinking, thermometer placement, breathing through the mouth, or the inability of the person to close their mouth completely. 1. Guyton A C. Textbook of medical physiology, W.B. Saunders, Philadelphia, 1996, p 919 2. Guyton A C. Textbook of medical physiology, W.B. Saunders, Philadelphia, 1996, pp 754-53. Netter H F. Atlas of Human Anatomy, Novartis Medical Education, East Hanover, NJ, 1997, pp 63, 95 English 6021221_PRO4000_S4-46 Seite 4 Dienstag, 21. März 2006 10:24 10Page 8 English 4Français 16Español 28Internet-www.welchallyn.comManufactured by: Braun GmbHFrankfurter Straße 14561476 Kronberg / Germany6-021-221/01/III-06USA/CDN/MEXPrinted in Germany6021221_PRO4000_S2 Seite 1 Freitag, 17. März 2006 11:21 11 Page 9 7the measuring process when the probe is correctly positioned, and lights up continuously when the thermometer detects that an accurate measurement has been taken.4.If the probe has not been positioned correctly in the ear canal or was moved during the measuring process, a sequence of short beeps will sound, the «ExacTemp» light will go out and the display will show an error message («POS» = position error).5. For the next measurement, eject the used probe cover (push ejector (4)) and put on a new, clean probe cover. The thermometer will turn on auto-matically. Wait for the ready signal. Fit the probe snugly into the ear canal, then push and release the Start button.The Braun ThermoScan ear thermometer turns off automatically after 60 seconds of inactivity. It can also be turned off by pressing the «I/O» button for at least three seconds. The display will shortly flash «OFF» and steadily display the word «OFF» after releasing the button. Temperature taking hints • A temperature measurement taken in the right ear may differ from a measurement taken in the left ear. Therefore, always take the temperature in the same ear. • The ear must be free from obstructions or excess cerumen build-up in order to take an accurate measurement. • External factors may influence ear temperatures, particularly when an individual has: - been lying on one ear or the other - had their ears covered - been exposed to very hot or very cold temper-atures, or - been recently swimming or bathing. In these cases, remove the individual from the situation and wait 20 minutes prior to taking a temperature. • For persons wearing hearing aids or ear plugs, remove the device and wait 20 minutes prior to taking a temperature. • Use the untreated ear if ear drops or other ear medications have been placed in the ear canal. 6021221_PRO4000_S4-46 Seite 7 Dienstag, 21. März 2006 10:24 10Page 10 Personal Care Electric Shaver Personal Care Electric Shaver Personal Care Electric Shaver Personal Care Electric Shaver Personal Care Electric Shaver Kitchen Appliance Blender Kitchen Appliance Coffee Grinder Personal Care Electric Shaver Lawn and Garden Trimmer Personal Care Electric Toothbrush Personal Care Electric Shaver Personal Care Electric Shaver Personal Care Electric Shaver Manual 23 pages 720.26 Kb Personal Care Electric Shaver Manual 51 pages 931.69 Kb Personal Care Electric Shaver Personal Care Electric Shaver Manual 51 pages 958.36 Kb Personal Care Electric Toothbrush Personal Care Electric Shaver Personal Care Electric Shaver

