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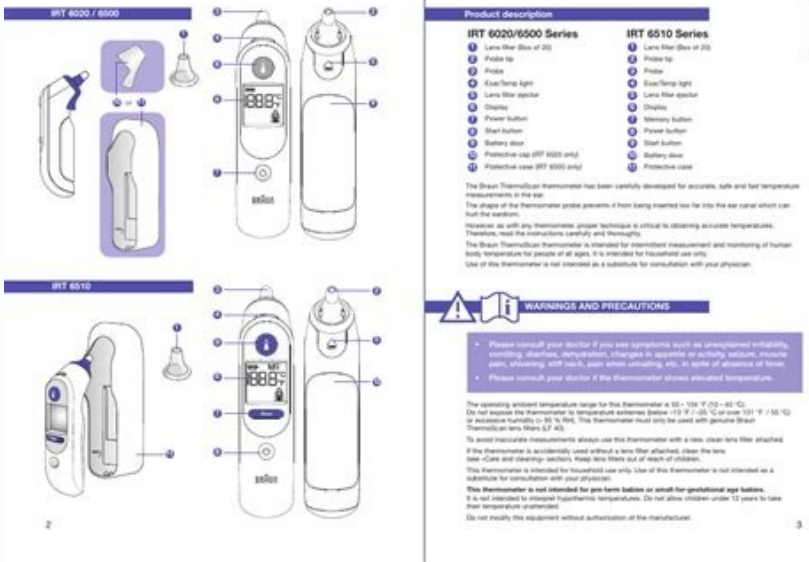

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Braun exactemp ear thermometer manual

Braun ear thermometer instructions. How to change braun exactemp ear thermometer to fahrenheit. How to use braun exactemp ear thermometer. Braun ear thermometer settings.

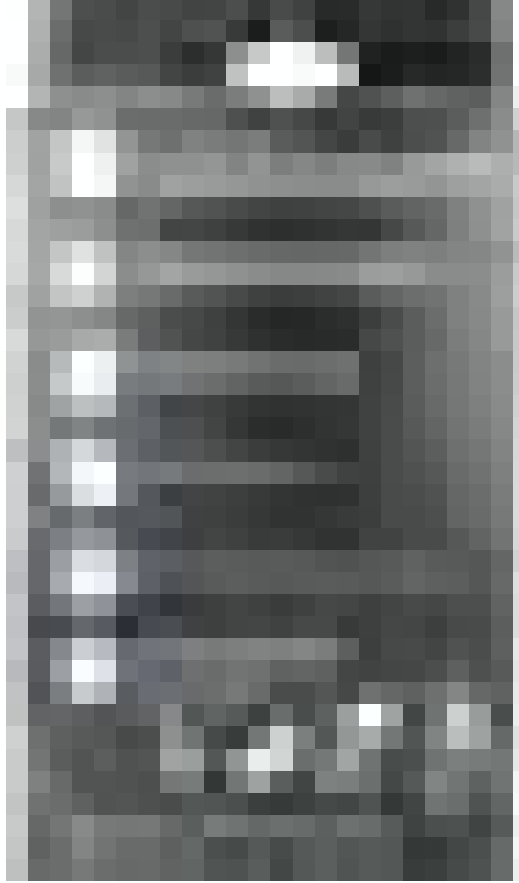
Home » Braun » Braun ThermoScan 5 Manual [IRT 6020/6500/6510] This product is manufactured by Kaz USA, Inc., under license to the 'Braun' trademark. 'Braun' is a registered trademark of Braun GmbH, Kronberg, Germany. ThermoScan is a registered trademark of Kaz USA, Inc. Kaz USA, Inc. 250 Turnpike Rd. Southborough, MA 01772 © 2014 Kaz USA, Inc. All rights reserved. www.kaz.com/braun Patents: Kaz Braun Trademarks and Patents Imported by Kaz Canada, Inc. 510 Bronte St S. Milton, Ontario L9T 2X6, Canada Designed in Germany. Made in Mexico. IRT 6020 / 6500 IRT 6510 Product Description IRT 6020/6500 Series Lens filter (Box of 20) Probe tip Probe ExacTemp light Lens filter ejector Display Power button Start button Battery door Protective cap (IRT 6020 only) Protective case (IRT 6500 only) IRT 6510 Series Lens filter (Box of 20) Probe tip Probe ExacTemp light Lens filter ejector Display Memory button Power button Start button Battery door Protective case The Braun ThermoScan thermometer has been carefully developed for accurate, safe and fast temperature measurements in the ear. The shape of the thermometer probe prevents it from being inserted too far into the ear canal which can hurt the eardrum. However, as with any thermometer, proper technique is critical to obtaining accurate temperatures. Therefore, read the instructions carefully and thoroughly. The Braun ThermoScan thermometer is intended for intermittent measurement and monitoring of human body temperature for people of all ages. It is intended for household use only. Use of this thermometer is not intended as a substitute for consultation with your physician. WARNINGS AND PRECAUTIONS Please consult your doctor if you see symptoms such as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizure, muscle pain, shivering, stiff neck, pain when urinating, etc. in spite of absence of fever. Please consult your doctor if the thermometer shows elevated temperature. The operating ambient temperature range for this thermometer is 50 - 104 °F (10 - 40 °C). Do not expose the thermometer to temperature extremes (below -13 °F / -25 °C or over 131 °F / 55 °C) or excessive humidity (> 95 % RH). This thermometer must only be used with genuine Braun ThermoScan lens filters (LF 40). To avoid inaccurate measurements always use this thermometer with a new, clean lens filter attached. If the thermometer is accidentally used without a lens filter attached, clean the lens (see «Care and cleaning» section). Keep lens filters out of reach of children. This thermometer is intended for household use only. Use of this thermometer is not intended as a substitute for consultation with your physician. This thermometer is not intended for pre-term babies or small-for-gestational age babies. It is not intended to interpret hypothermic temperatures. Do not allow children under 12 years to take their temperature unattended. Do not modify this equipment without authorization of the manufacturer. Parents/guardians should call the pediatrician upon noticing any unusual sign(s) or symptom(s). For example, a child who exhibits irritability, vomiting, diarrhea, dehydration, seizure, changes in appetite or activity, even in the absence of fever, or who exhibits a low temperature, may still need to receive medical attention. People who are on antibiotics, analgesics, or antipyretics should not be assessed solely on temperature readings to determine the severity of their illness. Temperature elevation may signal a serious illness, especially in neonates and infants, or in adults who are old, frail, or have a weakened immune system. Please seek professional advice immediately when there is a temperature elevation and if you are taking temperature on: Neonates and infants under 3 months (Consult your physician immediately if the temperature exceeds 99.4 °F or 37.4 °C). Patients over 60 years of age (Fever may be blunted or absent in older patients). Patients having diabetes mellitus or a weakened immune system (e.g., HIV positive, cancer chemotherapy, chronic steroid treatment, splenectomy) Patients who are bedridden (e.g., nursing home patient, stroke, chronic illness, recovering from surgery) A transplant patient (e.g., liver, heart, lung, kidney). This thermometer contains small parts that can be swallowed or produce a choking hazard to children. Keep out of reach of children under 12 years. Body temperature Normal body temperature is a range. It varies by site of measurement, and it tends to decrease with age. It also varies from person to person and fluctuates throughout the day. Therefore, it is important to determine normal temperature ranges. This is easily done using Braun ThermoScan. Practice taking temperatures on yourself and healthy family membersto determine the normal temperature range. Note: When consulting your physician, communicate that the ThermoScan temperature is a temperature measured in the ear and if possible, note the individual's normal ThermoScan temperature range as additional reference. How does Braun ThermoScan work? Braun ThermoScan measures the infrared heat generated by the eardrum and surrounding tissues. To help avoid inaccurate temperature measurements, the probe tip 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 infrared energy. The measurement is finished and the result displayed when the thermometer detects that an accurate temperature measurement has been taken. Why measure in the ear? The goal of thermometry is to measure core body temperature! which is the temperature of the vital organs. Ear temperatures accurately reflect core body temperature, since the eardrum shares blood supply with the temperature control center in the brain, the hypothalamus.



Therefore, changes in body temperature are reflected sooner in the ear than at other sites. Axillary temperatures measure skin temperature and may not be a reliable indicator of core body temperature. Oral temperatures are influenced by drinking, eating and mouth breathing.



Rectal temperatures often lag behind changes in core body temperature and there is a risk of cross-contamination. How to use your Braun ThermoScan Guyton A C, Textbook of medical physiology, W.B. Saunders, Philadelphia, 1996, p 919 Guyton A C, Textbook of medical physiology, W.B. Saunders, Philadelphia, 1996, p 754-5 Netter H F, Atlas of Human Anatomy, Novartis Medical Education, East Hanover, NJ, 1997, pp 63, 95. Temperature Taking Hints Always replace disposable lens filters to maintain accuracy and hygiene. The right ear measurement may differ from the measurement taken in the left ear. Therefore, always take the temperature in the same ear. The ear must be free from obstructions or excess earwax build-up to take an accurate reading. Memory Mode Night Light Feature Changing the Temperature Scale Care and Cleaning Replacing the Batteries Calibration The thermometer is initially calibrated at the time of manufacture. If this thermometer is used according to the use instructions, periodic re-adjustment is not required. If at any time you question the accuracy of temperature measurements, please contact Consumer Relations. Manufacturing date is given by the LOT number located inside the battery compartment. The first three (3) digits after LOT represent the Julian date that the product was manufactured and the next two (2) digits represent the last two numbers of the calendar year the product was manufactured. The last identifiers are the letters that represent the manufacturer. An example: LOT 11614KTC, this product has been manufactured on the 116th day of the year 2014. Errors and Troubleshooting Product specifications Subject to change without notice. This appliance conforms to the following standards: Standard Reference Edition Title: EN 12470-5: 2003 Clinical thermometers - Part 5: Performance of infra-red ear thermometers (with maximum device). EN 60601-1: 2006 Medical electrical equipment - Part 1: General requirements for basic safety and essential performance. EN ISO 14971: 2012 Medical devices - Application of the risk management to medical devices. EN ISO 10993-1: 2009 Biological evaluation of medical devices - Part 1: Evaluation and Testing within a risk management process. EN 60601-1-2: 2007 Medical electrical equipment - part 1-2: General requirements for basic safety and essential performance Collateral standard: electromagnetic compatibility Requirements and tests EN 980: 2008 Symbols for use in labeling of medical devices. EN 1041: 2008 Information supplied by the manufacturer of medical devices. EN 60601-1-11: 2010 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. This product conforms to the provisions of the EC directive 93/42/EEC. MEDICAL ELECTRICAL EQUIPMENT needs special precautions regarding EMC.



For detailed description of EMC requirements please contact Customer Service. Portable and mobile RF communications equipment can affect MEDICAL ELECTRICAL EQUIPMENT. Please do not dispose of the product in the household waste at the end of its useful life. To protect the environment, dispose of empty batteries at appropriate collection sites according to national or local regulations. Limited Three Year Warranty Kaz, Inc. warrants this product against any defects that are due to faulty material or workmanship for a period of three years from the original date of consumer purchase or receipt as a gift. This warranty applies when used for normal household use in accordance with the Use and Care Manual and excludes the battery and damage to the product resulting from accident or misuse. This product is not warranted when used in a professional environment. In no event shall Kaz, Inc. be liable for any special, incidental, indirect or consequential damages in connection with the purchase or use of this product or costs over the original cost of the product. If the product should not perform to specifications within the warranty period, please contact Consumer Relations. In Canada, you can contact at 510 Bronte Street S, Milton, ON, L7T 2X6, Canada. Kaz, Inc. 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. While this warranty gives you specific legal rights, you may also have other rights which vary from state to state/province to province. Frequently Asked Questions What is the best way to achieve an accurate reading from my thermometer? ALWAYS replace the disposable lens filters with a genuine Braun lens filter to maintain accuracy and hygiene.



The use of any other brand may alter the reading. The right ear measurement may differ from the measurement taken in the left ear. Therefore, ALWAYS take the temperature in the same ear. The ear must be free from obstructions or excess earwax build-up to take an accurate reading. External factors may influence ear temperatures, including when an individual has: Poor probe placement, Used lens filter, Dirty lens. In the cases below, wait 20 minutes prior to taking a temperature. Extreme hot and cold room temperature. Hearing aid. Use the untreated ear if ear drops or other ear medications have been placed in the ear canal. Use the ear that has been facing upwards, if an individual has been lying down on their side with an ear face down on a pillow. What is my Braun Thermometer warranty? This 3-year limited warranty applies to repair or replacement of product found to be defective in material or workmanship. This warranty does not apply to damage resulting from commercial, abusive, unreasonable use or supplemental damage. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty. What should I do if my thermometer is reading an Err message? This will occur if the ambient temperature is not within the allowed operating range (50 - 104 °F or 10 - 40 °C.) In order to resolve this, we would recommend you allow the thermometer to remain for 30 minutes in a room where the temperature is between 50 and 104 °F or 10 and 40 °C. What does a flashing display or no display mean when I turn on my thermometer? A flashing display indicates a system error. We suggest waiting 1 minute until the thermometer turns off by itself and then turns on again. If the problem persists, reset the thermometer by removing the batteries momentarily. How do I change the temperature scale from Celsius to Fahrenheit (or vice versa) on my thermometer? Press and hold the start button. The Thermometer will turn on and show the start screen, where you will see all of the symbols on the display. Continue holding the button down, it will show C or F for one second and then change to say SET for one second. The pattern will continue as you hold down the start button. F → SET → C → SET To select the option you want, release the activation/start button when the setting you want appears on the screen. How can I view the last temperature taken on my thermometer? This model stores the last 9 temperature measurements. To display the stored measurement, the thermometer must be turned on. Press the Mem button. The display shows the temperature, and when releasing the Mem button, the stored temperature for that memory number is displayed, together with "M". Each time the Mem button is pushed, the stored reading and an M is displayed to indicate each temperature measurement (e.g. M2). Memory mode is automatically exited by not pressing the memory button for 5 seconds. How do I store my thermometer? Store thermometer and lens filters in a dry location free from dust and contamination and away from direct sunlight. Always store the thermometer with the protective cap or with the cradle in place to prevent dirt and scratches from damaging the device. Do not store this thermometer in temperature extremes below -13 °F or over 131 °F or in excessive humidity (above 95% relative humidity). If thermometer is stored in a location that is cooler or warmer than where it will be used, allow it to acclimate to the room temperature for 10 minutes before taking the measurement. How do I use the Braun Lens Filter? To avoid inaccurate measurements ALWAYS use this thermometer with a new, clean lens filter attached. If the thermometer is accidentally used without a lens filter attached, clean the lens. The lens filter indicator will blink to signal one is needed. Attach a new lens filter by pushing the thermometer probe straight into the lens filter inside the box and then pulling out. Note: The Braun ThermoScan will not work unless a lens filter is attached. For the next measurement, press Eject button to remove and discard used lens filter, and put on a new, clean lens filter. For models without and eject button (ThermoScan 3 and 4), pull off lens filter and discard. What is ExacTemp®? ExacTemp® is a guidance system that confirms good position in the ear with a light and a beep to ensure accurate temperature measurement. Does Braun offer a stick thermometer? Braun does not offer a digital stick thermometer, but we recommend using the Vicks digital thermometers. They are clinically accurate, provide color-coded fever guidance and fast readings. Are batteries included with thermometers? Yes, the Braun ThermoScan® 5 IRT6500 includes two AA batteries. Do Braun thermometers come with lens filters? Lens filters are included with all our Ear thermometers. Please use a new lens filter after each use for an accurate reading. Do all Braun thermometers take the same size lens filter? Yes. Braun lens filters are universal across all our Ear thermometers & Braun lens filters are the only brand to ensure an accurate reading when used with Braun thermometers. Are Braun lens filters BPA free? Yes, Braun disposable lens filters are BPA & latex free. What are the benefits to using an ear thermometer? The ear is a good site for temperature measurement because it reflects the core temperature of the body[1]. Body temperature is regulated by the hypothalamus[2], which shares the same blood supply as the tympanic membrane[3]. This means changes in core body temperature are usually detected sooner in the tympanic membrane than other areas. All Braun infrared ear thermometers feature ThermoScan® technology, which measure heat generated by the eardrum and surrounding tissue to give an accurate temperature on an easy to read digital display in seconds. How do I clean my thermometer? Gently wipe the surface of the probe tip with a cotton swab or soft cloth moistened with rubbing alcohol (70% Isopropyl). What is Age Precision® Technology? Clinical research shows the definition of fever changes as newborns grow into children & children grow into adults. The Age Precision feature takes the guesswork out of temperature taking, allowing you to select the appropriate age setting - 0-3 months, 3-36 months or 36+ months. Citation:[1] Guyton A C. Textbook of Medical Physiology, W.B. Saunders, Philadelphia, 2016, p 919.[2] Guyton A C. Textbook of Medical Physiology, W.B. Saunders, Philadelphia, 2016, p 754-5.[3] Netter H F. Atlas of Human Anatomy, Novartis Medical Education, East Hanover, NJ, 1997, pp 63, 95. Read More About This Manual & Download PDF: Braun ThermoScan IRT 6020/6500/6510 Manual - Original PDF Braun ThermoScan IRT 6020/6500/6510 Manual - Braun-Thermoscan-5-Manual Braun ThermoScan IRT 6020/6500/6510 Manual - Braun-Thermoscan-5-Manual [original] Questions about your Manual? Post in the comments!