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Exergen 124275S

Exergen TemporalScanner Infrared Thermometer User Manual

Model: 124275S

INTRODUCTION

This manual provides essential information for the proper use, maintenance, and troubleshooting of your Exergen TemporalScanner Infrared Thermometer. This device is designed for accurate measurement of arterial (core) temperature, offering a reliable alternative to traditional oral, rectal, and tympanic methods.

The Exergen TemporalScanner, model 124275S, is a clinical-grade instrument widely used in professional healthcare settings due to its precision and ease of use.

PRODUCT OVERVIEW





Figure 1: Exergen TemporalScanner Infrared Thermometer. The image displays the device with its sensor head, main body, and digital display showing "37.4". A label on the device indicates "Dirty lens = low temps" and provides instructions to "Clean center lens every two weeks with Q-tip and alcohol."

The Exergen TemporalScanner measures temperature by scanning the temporal artery on the forehead. Key features include:

- Measures arterial (core) temperature, which is comparable to rectal temperature and approximately 0.8°F (0.4°C) higher than oral temperatures.
- Rugged and reliable construction, designed for durability in various environments.
- Chemically resistant materials allow for thorough disinfection.
- Digital display for clear temperature readings.

SETUP

Battery Installation

The Exergen TemporalScanner requires one 9V battery for operation. To install or replace the battery:

1. Locate the battery compartment cover, typically on the back or bottom of the device.
2. Open the compartment cover.
3. Insert a new 9V battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Initial Inspection

Before first use, inspect the device for any visible damage. Ensure the sensor lens is clean and free of debris. Refer to the Maintenance section for cleaning instructions.

OPERATING INSTRUCTIONS

For accurate temperature measurement, follow these steps:

1. **Positioning:** Place the sensor head gently on the center of the forehead, midway between the eyebrow and the hairline.
2. **Activate Scan:** Press and hold the scan button (often a large, prominent button on the device body).
3. **Scan Motion:** While holding the button, slowly slide the thermometer straight across the forehead to the hairline, then lift it off the forehead.
4. **Read Temperature:** Release the scan button. The temperature reading will be displayed on the LCD screen.

Note: For optimal accuracy, ensure the skin is dry and free of obstructions like hair or sweat. If the patient is sweating, scan behind the earlobe on the neck for a more accurate reading.

MAINTENANCE

Cleaning the Sensor Lens

A dirty sensor lens can lead to inaccurate or low temperature readings. It is recommended to clean the center lens every two weeks, or more frequently if needed.

- Gently clean the center of the lens with a cotton swab (Q-tip) moistened with rubbing alcohol.
- Allow the lens to air dry completely before using the thermometer.

General Cleaning and Disinfection

The device is made of chemically resistant materials, allowing for effective disinfection.

- Wipe the exterior of the thermometer with a soft cloth dampened with a mild disinfectant solution or rubbing alcohol.
- Do not immerse the thermometer in liquid.
- Avoid using abrasive cleaners or solvents that could damage the device.

Storage

Store the thermometer in a clean, dry place at room temperature, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------------------|---|---|
| Inaccurate or Low Readings | Dirty sensor lens; improper scanning technique; patient sweating. | Clean the sensor lens as per Maintenance section. Ensure proper scanning technique. If sweating, scan behind the earlobe. |
| No Display/Device Not Turning On | Dead or improperly installed battery. | Replace the 9V battery, ensuring correct polarity. |
| Error Message on Display | Device malfunction or environmental issue. | Refer to the specific error code in the full product manual (if available) or contact customer support. Try re-scanning. |

SPECIFICATIONS

| Feature | Detail |
|-------------------------|-------------------------------------|
| Model Number | 124275S |
| Brand | Exergen |
| Display Type | Digital |
| Power Source | 1 x 9V Battery (required) |
| Special Feature | High Accuracy |
| Color | White |
| Outer Material | Plastic |
| Included Components | Thermometer, battery, sample covers |
| Connectivity Technology | Bluetooth |
| Package Dimensions | 9.45 x 6.65 x 2.83 inches |
| Item Weight | 7.51 ounces |
| Manufacturer | Exergen |

WARRANTY AND SUPPORT







Warranty Information

The Exergen TemporalScanner is protected by a **LIFETIME WARRANTY**, reflecting the manufacturer's confidence in its rugged and reliable construction.

Customer Support

For further assistance, technical support, or warranty claims, please contact Exergen customer service. Refer to the official Exergen website or product packaging for the most current contact information.

Related Documents - 124275S

| | |
|---|--|
|  | <p>Exergen TAT-5000 TemporalScanner Infrared Thermometer Operator's Manual</p> <p>Operator's manual for the Exergen TAT-5000 TemporalScanner, a handheld infrared thermometer for accurate and gentle forehead temperature measurement. Includes safety instructions, operating procedures, care and maintenance, troubleshooting, specifications, and electromagnetic compatibility declarations.</p> |
|  | <p>Exergen TemporalScanner TAT-5000S-RS232-CORO Operators Manual</p> <p>Operator's manual for the Exergen TemporalScanner TAT-5000S-RS232-CORO, a handheld infrared thermometer for medical professionals. Includes instructions for use, safety information, care and maintenance, specifications, and electromagnetic compatibility data.</p> |
|  | <p>Exergen TAT-5000S-RS232 TemporalScanner Operation Manual</p> <p>Comprehensive operation manual for the Exergen TAT-5000S-RS232 TemporalScanner, an infrared temporal artery thermometer. Covers features, safety instructions, usage, care, maintenance, troubleshooting, and technical specifications.</p> |
|  | <p>Exergen TemporalScanner TAT-2000 with Bluetooth: User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the Exergen TemporalScanner TAT-2000 with Bluetooth infrared thermometer, detailing its use, features, safety information, and clinical accuracy.</p> |
|  | <p>Exergen TemporalScanner TAT-2000C/Original Instructions for Use</p> <p>Comprehensive instructions and guide for the Exergen TemporalScanner TAT-2000C/Original and SmartGlow models, covering setup, usage, features, and maintenance for accurate temporal artery temperature readings.</p> |
|  | <p>Exergen TAT-5000S-TTL Supplemental Instructions for Use - Accurate Forehead Temperature Measurement</p> <p>Supplemental instructions for the Exergen TAT-5000S-TTL TemporalScanner, a handheld infrared thermometer for medical professionals. Learn about intended use, safety precautions, care, maintenance, and troubleshooting.</p> |



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EXERGEN TemporalScanner Temporal Artery Thermometer: Model TAT-5000
Part Numbers: Warranty: Lifetime 124275 124375 134203 128800 129462 TAT-5000
Infrared Temporal Artery Thermometer - Arterial Calibration TAT-5000 Infrared
Temporal Artery Thermometer - Oral Calibration Resposable Caps Box of 10...
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EXERGEN TemporalScanner Temporal Artery Thermometer: Model TAT-5000 Part
Numbers: Warranty: Lifetime 124275 124375 134203 128800 129462 TAT-5000
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Temporal Artery Thermometer - Oral Calibration Resposable Caps Box of 10...
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| EXERGEN MEDICAL PRODUCTS | | Product pictures, descriptions, and associated studies can be found at www.exergen.com | |
|--|---|---|----------------|
| Model Selection and Price List Authorized Stocking Distributors | | | |
| PART NO. | INFRARED TEMPORAL ARTERY THERMOMETRY | LIST PRICE | WHOLESALE COST |
| 124275 | TemporalScanner™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 124375 | TemporalScanner™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| 134203 | TemporalScanner™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 128800 | TemporalScanner™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 129462 | TemporalScanner™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| 124275 | TemporalScanner™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 124375 | TemporalScanner™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
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| 128800 | TemporalScanner™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 129462 | TemporalScanner™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| REPOSABLE CAP THERMOMETRY | | | |
| 124275 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 124375 | Cap Therm™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| 134203 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 128800 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 129462 | Cap Therm™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| TEMPORAL ARTERY THERMOMETRY | | | |
| 124275 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 124375 | Cap Therm™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| 134203 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 128800 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 129462 | Cap Therm™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| DEFERRED TAT INFRARED THERMOMETRY | | | |
| 124275 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 124375 | Cap Therm™ TAT-5000 Oral Calibration | \$695 | \$600.00 |
| 134203 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 128800 | Cap Therm™ TAT-5000 Arterial Core Calibration | \$695 | \$600.00 |
| 129462 | Cap Therm™ TAT-5000 Oral Calibration | \$695 | \$600.00 |

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Part Number is 1-53
In Part No. 01

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EXERGEN MEDICAL PRODUCTS Model Selection and Price List Authorized
Stocking Distributors Product pictures, descriptions, and associated studies can be
found at www.exergen.com PART NO. INFRARED TEMPORAL ARTERY
THERMOMETRY 124275 TemporalScannerTMTAT-5000 Arterial Core Calibration
124375 Tempor...
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