

Advanced Technology

The Exergen *LighTouch*™ Axillary Thermometer, specifically designed for use in the Neonatal Intensive Care Unit (NICU), is the most advanced of any conventional thermometer in use in neonatology today.

It is gentle enough to be used on the tiniest of preemies, yet durable enough to withstand the demanding rigors of use in the NICU.

With just a touch to the axilla, the LXN measures your patient's temperature. Accurately. Safely. And faster than any other thermometer in the world.

Peer-Reviewed Studies

The accuracy of the *LighTouch* axillary thermometer has been demonstrated to correlate well both with axillary and rectal temperatures measured with standard glass mercury thermometers, and supported by the following peer-reviewed studies:

“The authors conclude that the infrared axilla and the glass/mercury axilla methods correlated well with the standard rectal mercury thermometry. The correlation was consistent across variables such as weight, gestational age and environmental temperature.” Browne et al. Accurate measurement of body temperature in the neonate: A comparative study. *J Neonatal Nurs* Vol 6 No 5, 2000.

“Rectal temperatures have been the gold standard in measuring a newborn's temperature,” said John Seguin, Associate Professor of Pediatrics at Ohio State University. “But underarm readings from infrared thermometers can be just as precise and safe and even quicker. It takes less than two seconds to get a result from this type of thermometer.” Seguin J et al. *Clin Pediatr* (Phila) 1999, Jan;38(1):35-40.

Instantly measure temperatures of:

- Infants of all sizes, even
-extremely low birthweight babies
- Infants in all environments
-radiant warmer
-isolette
-phototherapy
-open crib
- Warming devices
- Isolettes
- Transport incubators
- Blood and blood products
- Medications
- Nutritional solutions
- Mother's milk



Made in the USA

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EXERGEN

Changing the Way the World Takes Temperature

LighTouch™ Neonatal Instant Axillary Thermometer



**Unparalleled Accuracy
...at the Speed of Light!**

Users Guide

3 Steps to Instant Infrared Axillary Thermometry



Wrap



2. Gently snugle probe into axilla & depress red button

- Maintain skin contact for 2 seconds – use a cadence such as “One one-thousand, Two one-thousand”

3. Release button, remove probe from axilla

- Temperature will remain on display for 30 seconds after button is released

The Instrument

- Can be used on infants of any age and size
- Safe for use in all environments, including bilirubin lamps, isolettes, and radiant warmers

Cleaning

- Biweekly cleaning of lens is recommended, use alcohol wipe or cotton swab dampened with an alcohol wipe
- Entire instrument can be wiped down with any hospital approved disinfectant

1. Attach a disposable probe wrap or use disposable sheath

- Use either disposable probe wrap (#128800) or disposable sheath (#129462)

Quick Tips for Success

Always depress and release button while touching axilla

- This avoids the possibility of picking up heat from a radiant warmer or billamp
- Sequential readings in same axilla cool the tissue, resulting in variable temps
- Use the opposite side, or wait a few minutes for axilla to recover

Make sure probe lens is shiny clean, if not wipe with an alcohol prep or a cotton tipped stick applicator (Q-Tip) dampened with an alcohol wipe as illustrated

- The LXN is an optical instrument and must see the heat in order to measure it



Questions? Please call 617-923-9900

Using Disposable Sheath

- Insert probe-first into sheath, twisting sheath at probe neck to keep smooth at probe tip
- If inserting bottom-first, wrap excess sheath around neck to keep smooth

To Replace Battery:

1. Loosen single screw at bottom of instrument and remove battery cover
2. Snap out old battery and replace with 9-volt alkaline or lithium battery
3. Replace cover, push down to snap shut, tighten screw



- Remove battery cover, lift battery out of the way
- Make sure display is blank
- 1. Insert tip of a paper clip into switch
- 2. While depressing switch, reach around to other side, press & release red button
- 3. To return to original setting, repeat

Sheath

