

ERROR MESSAGES

HIGH SIGNAL - Caused by too much ambient light. Infrascanner is especially sensitive to infrared lamps or bright incandescent bulbs. Try shielding the scalp point of contact area with hands and repeat the measurement.

LOW SIGNAL - Hair may be trapped under fiber optic tips or fiber optic tips may not be making contact with scalp. Comb fiber optic tips through hair and repeat measurement.

REPEAT MEASUREMENTS (START ON LEFT)

- The Infrascanner has detected a potential hematoma and needs to re-take the data (left side first) to confirm, or the light on one side of the patient's head is brighter than the other. Repeat the measurements on both the left and right sides.

REPEAT MEASUREMENTS (START ON RIGHT) - The Infrascanner has detected a potential hematoma and needs to re-take the data in the reverse order (right side first) to confirm. The message always occurs when the hematoma is present on the left side. Repeat measurements on both the left and right sides.

TIMEOUT - Infrascanner needs more time to analyze signal. Move fiber optic tips 5mm and repeat measurement, staying symmetrical on the right side.

UNSTABLE SIGNAL - Caused by variations in signal level. Repeat measurement at location, taking care to hold Infrascanner steady.

LOW BATTERY - Infrascanner needs to be re-charged or AA batteries replaced.

InfraScan Document Number: 920202 Rev 1

This product is for informational purposes only and is not a substitute for professional training or advice.

Infrascanner assumes no liability for any action(s) a user may or may not take as a result of using this product.

THERE ARE NO EXPRESS OR IMPLIED WARRANTIES REGARDING THE INFORMATION CONTAINED IN THIS PRODUCT.



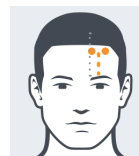
MEASUREMENT LOCATIONS

FIBER OPTIC TIPS SHOULD MAKE CONTACT WITH THE SCALP

FRONTAL LOCATIONS

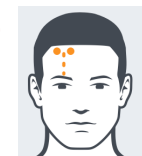
Measure as close to hairline as possible.

Left Location



Step 1

Right Location



Step 2

TEMPORAL LOCATIONS

Spread hair to make contact with scalp.

Left Location



Step 3

Right Location



Step 4

PARIETAL LOCATIONS

Spread hair to make contact with scalp.

Left Location



Step 5

Right Location



Step 6

OCCIPITAL LOCATIONS

Spread hair to make contact with scalp.

Left Location



Step 7

Right Location



Step 8

Midway between top of ear and occipital protuberance

SYSTEM COMPONENTS

FRONT

Screen

Measure Button

Back and Menu Buttons

Direction and Enter Buttons

Measure LEDs

BACK

Disposable Fiber-Optic Shield

Measure Button

Disposable Batteries Compartment

USB-C Port

Measure LEDs

KIT

Two AA Batteries

USB-C Cable and USB Charger

Disposable Fiber Optic Shield



INFRA SCAN
HANDHELD BRAIN DIAGNOSTICS

Infrascanner™

MODEL 2500

QUICK USER GUIDE



HANDHELD BRAIN HEMATOMA DETECTOR

CHARGING SYSTEM

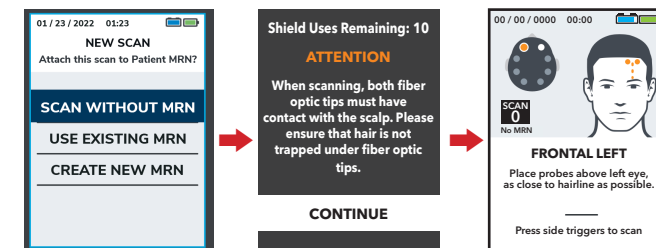
- 1** Rechargeable Internal Battery Disposable Batteries



- 2** Install disposable shield to turn the infrascanner ON.
- 3** Wait for the system to start. Press Enter button when "Scan" is highlighted



- 4** Select Medical Record Number (MRN) option and press the Enter button. Select Continue and press the Enter button



- 5** Place the Infrascanner on the left Frontal Location. (See measurement locations). Press and immediately release either one of the Measure buttons



- 6** After beep, place the infrascanner on the right Frontal Location. (See measurement locations). Press and immediately release Measure buttons while maintaining firm contact with both fibers on the patients skin



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If you hear a different sound, check display screen for Error message.

- 7** After beep, review display screen. Either move to the next head location or repeat the current head location following the instructions

REPEAT SCAN

Please repeat scan beginning on patient's

LEFT

Ensure fiber optic tips are making contact with scalp and not blocked by hair.

CONTINUE

REPEAT SCAN

Please repeat scan beginning on patient's

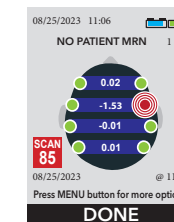
RIGHT

Ensure fiber optic tips are making contact with scalp and not blocked by hair.

CONTINUE

- 8** Repeat steps 5 through 7 for Temporal, Parietal and Occipital Locations. (See measurement locations).

- 9** Review Diagnosis Screen



- 10** Remove shield to turn the Infrascanner OFF and dispose of shield.
Single Patient Use—never use disposable shield on another patient.



- 11** Clean and disinfect after every patient. Use antimicrobial wipes or alcohol swabs

- 12** All data is stored in the Infrascanner and can be reviewed in the Archive. Please refer to Operation Manual for instructions on how to download data to a PC.

