HIGH SIGNAL – Caused by too much ambient light. Infrascanner is especially sensitive to infrared lamps or bright incandescent bulbs. Try shielding the fiber optics 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 MEASUREMENT – Light on one side of patient's head is brighter than the other. Repeat measurement of the pair.

SATURATED, START IN REVERSE ORDER – Infrascanner has detected a potential hematoma. Re-take measurement in reverse order (right side first) to confirm, scan pair a total of 3 times to confirm a hematoma.

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: 920007 Rev 3

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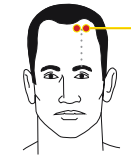THERE ARE NO EXPRESS OR IMPLIED WARRANTIES REGARDING THE INFORMATION CONTAINED IN THIS PRODUCT.
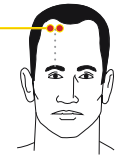
Left Location   Right Location

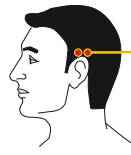**FRONTAL LOCATIONS**
Measure as close to hairline as possible.

Above eye pupil

Step 1   Step 2

Left Location   Right Location
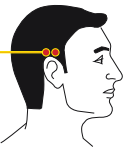
TEMPORAL LOCATIONS
Spread hair to make contact with scalp.

On temporal fossa above top of ear

Step 3   Step 4

Left Location   Right Location

PARIETAL LOCATIONS
Spread hair to make contact with scalp.

Above ear, midway between ear and midline of skull

Step 5   Step 6

Left Location   Right Location

OCCIPITAL LOCATIONS
Spread hair to make contact with scalp.

2-3 cm above top of ear

Midway between top of ear and occipital protuberance

Step 7   Step 8

FRONT   **BACK**

Disposable Shield   Fiber Optics

Screen

Enter Button

Software Buttons

Pins for Cradle

Rubber Bumper

ON/OFF Micro Switch

Measure Buttons

Rechargeable or Disposable Batteries Compartment

CRADLE

Power
Charge
Fault

Amber Charge LED:
• Illuminated when system is charging
• Turns OFF when system is fully charged

LEDs and Cradle ON swtich
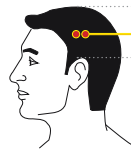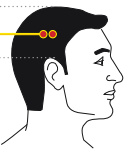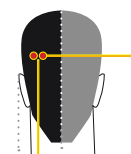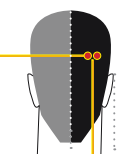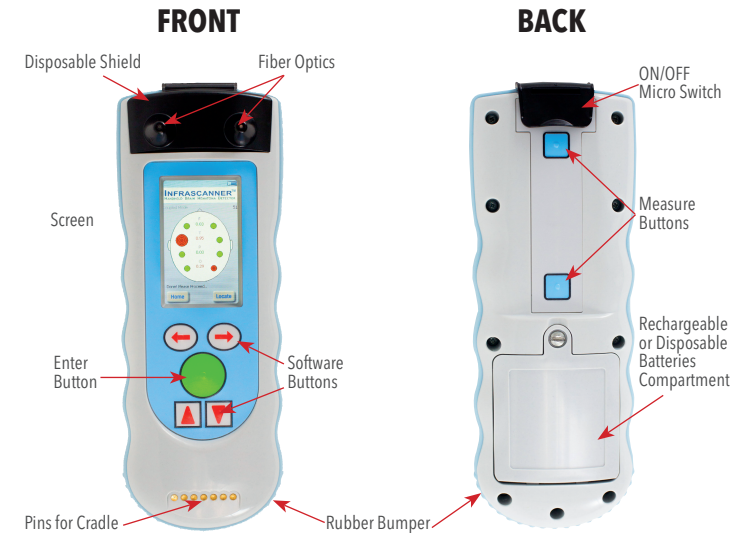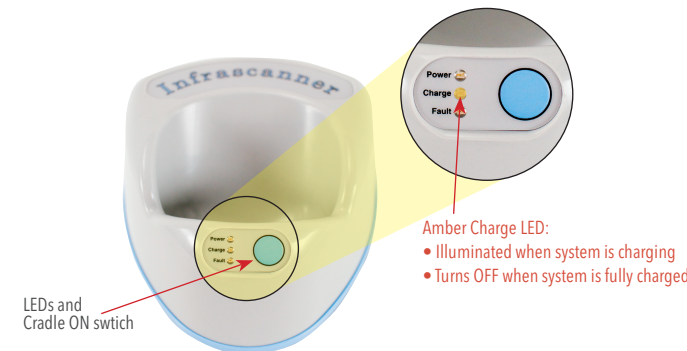
INFRASCAN
HANDHELD BRAIN DIAGNOSTICS

Infrascanner™
MODEL 2000

QUICK USER GUIDE

HANDHELD BRAIN HEMATOMA DETECTOR

CHARGE SYSTEM

1 Rechargeable Battery Pack   Disposable Batteries

Charging Cradle

Insert 4 disposable AA batteries

2 Install disposable shield to turn the Infrascanner ON.

Disposable shield

3 Wait for the system to start. Press Enter button when "Measure" displays

Enter button

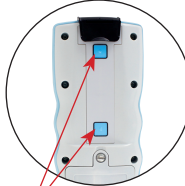**4** Please Enter button when "Next" displays

Enter button

5 Place the Infrascanner on the left Frontal Location. (See measurement locations). Press and immediately release Measure button

Fiber optic tips must have contact with scalp. Make sure hair has not been trapped under fiber optics.

Use either Measure button, depending on patient position.

6 After beep, place the Infrascanner on the right Frontal Location. (See measurement locations). Press and immediately release Measure button
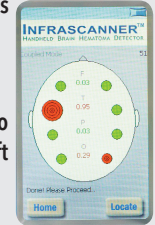
🔊)-)-)
If you hear a different sound, check display screen for **Error** message.

ERROR

7 After beep, review display screen.

If one location is red (indicating hematoma), use the UP/DOWN arrows to return to the left location of that head pair on the screen and repeat. If measurements red again, repeat measurement to confirm for a total of 3 times.

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

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

10 Clean and disinfect after every patient. Use antimicrobial wipes or another low level disinfectant.

High level disinfection is required when visibly soiled.

11 All data is stored automatically in system and can be reviewed any time. Please refer to Operator Manual for further instructions.