

# FORE-SIGHT® Absolute Cerebral Oximeter



Measures non-invasive, continuous ABSOLUTE Cerebral Tissue Oxygen Saturation (%SctO<sub>2</sub>)

## Absolute Confidence

- **Absolute Measurements**  
Clinically relevant, absolute measurements that clearly indicate a patient's cerebral tissue oxygen saturation status
- **Faster Reaction Times**  
SctO<sub>2</sub> measurements enable clinicians to identify and react to instances of lowered brain oxygen saturation before the situation becomes critical
- **Improved Workflow**  
Absolute measurements eliminate the need for a pre-induction baseline

## Featured Technology

- **4 Wavelengths**  
LASER-SIGHT® Optical Technology generates 4 precise near-infrared wavelengths to optimize measurement of targeted hemoglobin states and eliminate patient dependent variability (i.e. melanin)

## Features

- **Continuous or Spot Check Capable**  
For use on a wide variety of patients including perioperative and ICU patients
- **Accurate, Reliable Measurements in Low or Zero Perfusion States**



# FORE-SIGHT® Absolute Cerebral Oximeter



- **Indicated for:**  
Children and Adults >40 kg (Large sensors),  
Neonates and Infants 2.5-8 kg (Small sensors)
- **Database summary screen**
- **Spot-check and continuous monitoring**
- **No baseline reading required**
- **Measurement accuracy not affected by temperature or perfusion status**
- **Ability to store user preferences and event text**
- **Ability to export data via USB**
- **Environments for use include, but are not limited to, OR, ICU, NICU and PACU**

### User interface features

- Easy to read color VGA LCD monitor
- Drop down menus for easy navigation
- Dedicated push-button keys for commonly used functions
- Turn and push control knob for simple menu item selection
- Customize and save event mark text for simplified event recording
- Capability to review and mark historical data during or after a case
- Customize and save user profiles for easy recall of preferred settings
  - Alarm and screen settings
  - Event mark text, Time scale, Language

### Power

External AC or battery backup (12 VDC, 2hrs)  
Input Voltage: 100-240 VAC, 50-60 Hz  
Power input: 1.5 RMS (max) at 115 VAC

### Digital output

3 dedicated bi-directional RS-232 interfaces  
Optional printer  
USB data storage  
Compatible with Philips IntelliVue Monitors  
MP40/50/60/70/80/90 using AUXPLUS  
M1032A #A05 with VueLink Interface  
Cable M1032A #K6C

### Calibration

Factory calibrated  
No user calibration required

### Alarms

Low and High limit violations  
Equipment status messages  
Left / Right differential alarm

### Regulatory standards

FORE-SIGHT complies with the following U.S. and international regulatory standards for medical equipment:  
UL 60601-1, IEC 60601-1, IEC 60601-1-1, IEC 60601-1-2, IEC 60825-1, IEC 60601-1-4, IEC 60601-1-8  
93/42/EEC Medical Device Directive  
ISO 10993-1, ISO 14971-2000

### Environmental conditions

**Operating temperatures:**  
10 degrees C to 40 degrees C  
**Operating humidity:**  
30% - 75%, non-condensing  
**Atmospheric pressure:**  
860-1060 HPa, derived from altitude  
**Storage temperature:**  
-20 degrees C to 60 degrees C  
**Storage humidity:**  
95% RH @ 50 degrees C to 15% RH @ 0 degrees C

### Safety

Class 1 laser output with laser safety interlock system  
Defibrillator-proof BF type patient applied parts

### Warranty

1 year warranty on FORE-SIGHT console  
1 year warranty on optional batteries  
90 day warranty on reusable monitor cables

### Parts and accessories

- 01-06-2000** FORE-SIGHT MC-2000 Cerebral Oximeter
- 01-06-2010** FORE-SIGHT MC-2010 Cerebral Oximeter w/ Battery Backup (For use with Large Sensors Only)
- 01-06-2020** FORE-SIGHT MC-2020 Universal Cerebral Oximeter
- 01-06-2030** FORE-SIGHT MC-2030 Universal Cerebral Oximeter w/ Battery Backup (For use with Large and Small Sensors)
- 01-06-0017** (Large) Single Sensor Ctn 5kits/Ctn
- 01-06-0018** (Large) Dual Sensor Ctn 5kits/Ctn
- 01-06-0021** (Small) Single Sensor Ctn 5kits/Ctn
- 01-06-0022** (Small) Dual Sensor Ctn 5kits/Ctn
- 01-07-2000** (Small) Single Non-Adhesive Sensor (NAS) 10kits/Ctn
- 01-07-3001** FS Light-Blocker (NAS) 10/Bg
- 01-07-3002** FS Headband (NAS) 10/Bg
- 01-07-3003** FS HOLD-TIGHT™ gel strip (NAS) 20/Bg
- 01-06-0005** Universal Monitor Cable with Pre-amp
- 01-06-0036** FORE-SIGHT User Manual CD, Multi Language
- 21-05-0173** FORE-SIGHT Common Interventions Laminated Card
- 01-06-0031** SctO<sub>2</sub> Simulator
- 01-06-0032** Biomedical Fiber Optic Cleaning Kit (50 orange, 50 clear fiber optic cleaning tips, 1 can fiber connector cleaner)
- 01-06-0034** 1GB USB Memory Stick
- 01-02-0188** Citizen CMP-10 Printer Battery
- 01-02-0189** Citizen CMP-10 Mobile Printer
- 01-02-0481** Thermal Printer Paper case (10 rolls/cs)
- 01-06-0231** Giraffe Dovetail Attachment
- 01-06-0232** 3 inch Utility Basket for M series arm
- 01-06-0233** 6 inch Utility Basket for M series arm
- 01-06-0234** FS 16 inch Arm Wall Mount
- 01-06-0235** FS 8 inch Arm Wall Mount (Giraffe Bed)
- 01-06-0236** FS 16 inch Arm Pole Mount
- 01-06-0237** FS Adapter Plate (for use with rollstands or arms)
- 01-06-0238** FS Roll Stand with Basket and Handle
- 01-06-2133** FS VueLink Extension Cable

New!

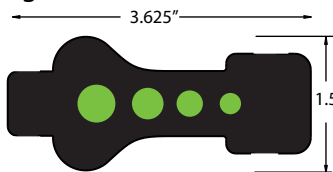
For additional sensor options, call CASMED at 800.227.4414.



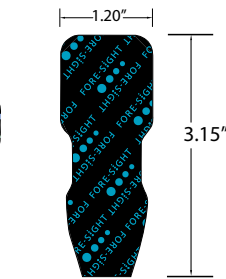
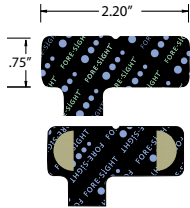
Product is CE Marked

Dealer Imprint

### Large Sensors



### Small Sensors



Medium Sensor  
Coming Soon!

### Monitor dimensions

**Height** 20.3 cm/8"  
**Width** 20.3 cm/8"  
**Depth** 33.0 cm/13"

**Monitor Cable:** 3 meters/9.8 feet

**Patient Cable/Sensor:**

(Large Sensor) 1 meter/3.3 feet

(Small Sensor) 1.5 meters/5.0 feet

### Vital signs monitoring functions

**Absolute cerebral tissue oxygen saturation (%SctO<sub>2</sub>)**

**Range of SctO<sub>2</sub>:** (0-99%)

**Refresh rate:** every 2 seconds

**Accuracy:** SctO<sub>2</sub> : ± 4% to 1 SD (40-100%)

**Diagnostics:** Auto self test

### CAS Medical Systems, Inc.

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