

FORE-SIGHT® Absolute Cerebral Oximeter

Non-invasive, continuous ABSOLUTE Cerebral Tissue Oxygen Saturation (%SctO₂) Measurements

Absolute Confidence

- **Absolute Measurements**
Clinically relevant, repeatable, absolute measurements that clearly indicate a patient's cerebral tissue oxygen saturation status
- **Advanced Technology**
Algorithms incorporate age and weight to optimize accuracy for all stages of development
- **Faster Reaction Times**
SctO₂ 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

Features

- **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)
- **Patient Safety**
COOL-LIGHT™ sensor technology ensures zero risk of patient burns
- **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

FORE-SIGHT® Absolute Cerebral Oximeter



- **Indicated for:**
Adults ≥ 40 kg (Large Sensors)
Children and Small Adults 4-60 kg (Medium Sensors)
Neonates and Infants ≤ 8 kg (Small Sensors)
- **New! Absolute accuracy for all patient populations**
- **Repeatable, reliable readings every 2 seconds**
- **No baseline reading required**
- **Spot-check and continuous monitoring**
- **Measurement accuracy not affected by melanin, temperature or perfusion status**
- **Environments for use include (but not limited to): OR, ICU, NICU, PICU and PACU**

User interface features

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

Alarms

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

Digital output

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

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

Calibration

- Factory calibrated
- No user calibration required

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

Ordering Information

- **01-06-2000 FORE-SIGHT Cerebral Oximeter MC-2000** (for use w/ Medium and Large Sensors)
- **01-06-2010 FORE-SIGHT Cerebral Oximeter MC-2010** w/ Battery Backup (for use w/ Medium and Large Sensors)
- **01-06-2020 FORE-SIGHT Universal Cerebral Oximeter MC-2020** (for use w/all Sensors)
- **01-06-2030 FORE-SIGHT Universal Cerebral Oximeter w/Battery Backup MC-2030** (for use w/all Sensors)
- **New! 01-07-2000 (Small) Single Non-Adhesive Sensor (NAS)** 10kits/Ctn
- **01-07-2002 (Small) Single Sensor** 10kits/Ctn
- **01-07-2003 (Small) Dual Sensor** 10kits/Ctn
- **New! 01-07-2004 (Medium) Single Sensor** 10kits/Ctn
- **01-07-2005 (Medium) Dual Sensor** 10kits/Ctn
- **01-07-2006 (Large) Single Sensor** 10kits/Ctn
- **01-07-2007 (Large) Dual Sensor** 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 SctO₂ Simulator**
- **01-06-0032 Biomedical Fiber Optic Cleaning Kit** (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/Ctn)
- **01-06-0231 Giraffe Dovetail Attachment**
- **01-06-0232 3" Utility Basket for M series arm**
- **01-06-0233 6" Utility Basket for M series arm**
- **01-06-0234 FS 16" Arm Wall Mount**
- **01-06-0235 FS 8" Arm Wall Mount (Giraffe Bed)**
- **01-06-0236 FS 16" 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**

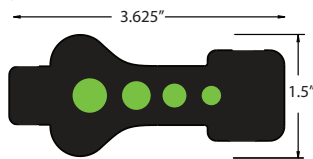
To order, call CASMED at 800.227.4414.



ISO 13485
Certificate Number FM 72259

Product is CE Marked

Large Sensors



Small Sensors



Medium Sensors

Monitor Dimensions

- **Height** 20.3 cm/8"
- **Width** 20.3 cm/8"
- **Depth** 33.0 cm/13"
- **Monitor Cable:** 3 m/9.8'

Patient Cable/Sensor:

- (Large, Medium and Small Sensors) 1 m/3.3'
- (Small Non-Adhesive Sensor) 1.5 m/5.0'

Vital signs monitoring functions

Absolute cerebral tissue oxygen saturation (%SctO₂)

- **Range of SctO₂:** (0-99%)
- **Refresh rate:** every 2 seconds
- **Diagnostics:** Auto self test
- **Accuracy¹⁻²:**

- Large Sensors: 45% to 95%: ±3.7% to 1 SD
- Medium Sensors: 50% to 99%: ±4.9% to 1 SD
- Small Sensors: 50% to 99%: ±5.0% to 1 SD

CAS Medical Systems, Inc.

44 East Industrial Road
Branford, CT 06405 USA
Telephone: 203 488 6056
Toll Free: 800 227 4414
www.casmed.com

Reference Information:

¹Data on file.

²MacLeod DB, et al. Validation of the CAS adult cerebral oximeter during hypoxia in healthy volunteers. *Anesth Analg* 2006;102(IARS Suppl):1-330S-162.

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