

## Declaration of Conformity

**Manufacturer** Guangdong Biolight Meditech Co., Ltd.  
**Address** No.2 Innovation First Road, Technical Innovation Coast, Hi-tech Zone, Zhuhai, P.R. China  
**European Representative** Shanghai International Holding Corp GmbH (Europe)  
Eiffestraße 80, 20537 Hamburg Germany  
**Product** Patient Monitor  
**GMDN Code** 33586  
**Model Code** S10  
S10A  
S12  
S12A

**Classification:** Class II b , rule 10 of Annex IX of the MDD 93/42/EEC

**Conformity Assessment Route:** Annex II.3 of the MDD 93/42/EEC

We herewith declare that the above mentioned products meet the transposition into national law, the provisions of the following EC Council Directives and Standards. We are exclusively responsible for this DoC. All supporting documentations are retained under the premises of the manufacturer.

### DIRECTIVES

**General applicable directives:**

Medical Device Directive: COUNCIL DIRECTIVE 93/42/EEC concerning medical devices (MDD 93/42/EEC).

**Standard applied:**

See attached list of standards for which documented evidence of compliance can be provided.

**Notified Body:** TÜV SÜD Product Service GmbH, Ridlerstr. 65, 80339 München, Germany

**Identification number:** 0123

**(EC) Certificate(s):** G10499570033 Rev.02

**Expire date of the Certificate:** 2024-05-26

**Start of CE marking:** 2019-12-12

**Place, Date of Issue:** Zhuhai, China, 2022-04-15

Signature                     Jin liang                    

Name Jin Liang  
Position Chief Engineer

**Attached list:**

**Standards for S10/S12/S10A/S12A patient monitor**

**Standards for General Requirement**

Item	Scope	Number of standard	Name of standard
1	General, Safety	IEC 60601-1:2005 + A1: 2012	Medical electrical equipment -- Part 1: General requirements for basic safety and essential performance.
2	General, EMC	IEC 60601-1-2:2014	Medical electrical equipment --Part 1-2: General requirements for basic safety and essential performance-- Collateral standard: Electromagnetic disturbances—Requirements and tests
3	General, Usability	IEC 60601-1-6:2010+A1:2013	Medical electrical equipment --Part 1-6: General requirements for basic safety and essential performance - Collateral Standard: Usability
4	General, Software	IEC 62304:2006+A1:2015	Medical device software – Software life cycle processes
5	General, Alarm	IEC 60601-1-8:2006+A1:2012	Medical electrical equipment --Part 1-8: General requirements for basic safety and essential performance - Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems
6	Risk management	EN ISO 14971:2012	Medical devices - Application of risk management to medical devices
7	Biological evaluation	ISO 10993-1:2009	Biological evaluation of medical devices — Part 1:Evaluation and testing within a risk management process
8		ISO 10993-5:2009	Biological evaluation of medical devices—Part 5: Tests for in vitro cytotoxicity
9		ISO 10993-10:2010	Biological evaluation of medical devices--Part 10:Tests for irritation and skin sensitization
10	Labelling	ISO 15223-1:2016	Medical devices-Symbols to be used with medical device labels, labeling and information to be supplied--Part 1: General requirements

11	Usability engineering	IEC 62366-1:2015	Medical devices—Part 1: Application of usability engineering to medical devices
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### Standards for multi-parameters patient monitor

Item	Scope	Number of standard	Name of standard
1	Particular, multifunction monitor	IEC 80601-2-49:2018	Medical electrical equipment -- Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors
2	Particular, ECG	IEC 60601-2-27:2011	Medical electrical equipment -- Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment
3	Particular, NIBP	IEC 80601-2-30:2018	Medical electrical equipment -- Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers
4	Particular, NIBP	ISO 81060-2:2013	Non-invasive sphygmomanometers —Part 2: Clinical validation of automated measurement type
5	Particular, SpO2	ISO 80601-2-61:2017	Medical electrical equipment --Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment
6	Particular, TEMP	ISO 80601-2-56:2017	Medical electrical equipment --Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement
7	Particular, IBP	IEC 60601-2-34:2011	Medical electrical equipment --Part 2-34: Particular requirements for the basic safety and essential performance of invasive blood pressure monitoring equipment
8	Particular, CO2/Gas	ISO 80601-2-55:2018	Medical electrical equipment –Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors
9	Particular, ECG	IEC 60601-2-25:2011	Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs