

CMS50D

Technical Parameters

- Integrated with SpO₂ probe and processing display module.
- Application: hospital, home, community medical treatment, sports healthcare, etc.
- Can measure SpO₂ and Pulse Rate accurately
- SpO₂ and Pulse Rate display, Pulse Rate waveform and bar graph display
- Battery voltage low indication
- Four directions and six modes
- Screen brightness adjustable
- Low power consumption; shut off automatically when no signal
- Display format can be saved after power off
- Small volume (57(L) × 31(W) × 32(H) mm), light, convenient to carry
- Display Mode: 0.96" double Color OLED display, Screen Resolution: 128*64
- SpO₂ Measuring Range: 0~100%
- PR Measuring Range: 30~250bpm
- Resolution: 1% for SpO₂, 1bpm for pulse rate
- Accuracy: ±2% (70%~100%), unspecified (<70%) for SpO₂, ±2bpm or ±2% (select larger) for pulse rate
- Power Supply: 1.5V (AAA size) alkaline batteries × 2
- Can work 36 hours continuously
- Interference resistance capacity against ambient light and measurement performance at low perfusion





Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08



Product Service

EC Certificate

Full Quality Assurance System

Directive 93/42/EEC on Medical Devices (MDD), Annex II excluding (4)
(Devices in Class IIa, IIb or III)

No. G1 050972 0050 Rev. 04

Manufacturer:

Contec Medical Systems Co., Ltd.

No.112 Qinhuang West Street
Economic& Technical Development Zone
066004 Qinhuangdao, Hebei Province
PEOPLE'S REPUBLIC OF CHINA

Product Category(ies): Patient Monitor, Fetal Monitor, B-Ultrasound Diagnostic System, Pulse Oximeter, Electrocardiograph, Pocket Fetal Doppler, Visual Electronic Stethoscope, Multi-functional Visual Stethoscope, Dynamic ECG Systems, Digital Brain Electric Activity Mapping, Infusion Pump, Spirometer, Ambulatory Blood Pressure Monitor, Electronic Sphygmomanometer, EMG/EP System, Portable ECG Monitor, Temperature Probe, Pulse Oximeter Probe, Tele Pulse Oximeter, Tele Breather, Multi-parameter Vital Signs Monitor, Sleep apnea screen meter, Oxygen concentrator, ECG Workstation, Wearable Monitor, Mesh Nebulizer, Capnograph and Infrared Thermometer.

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective devices / device categories in accordance with MDD Annex II. This quality assurance system conforms to the requirements of this Directive and is subject to periodical surveillance. For marketing of class III devices an additional Annex II (4) certificate is mandatory. See also notes overleaf.

Report No.:

BJ20090203

Valid from:

2020-06-17

Valid until:

2024-05-26

Date,

2020-06-17

Christoph Dicks

Head of Certification/Notified Body



Product Service

Certificate

No. Q5 050972 0052 Rev. 03

Holder of Certificate: **Contec Medical Systems Co., Ltd.**

No.112 Qinhuang West Street
Economic & Technical Development Zone
066004 Qinhuangdao, Hebei Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Scope of Certificate:

Design and Development, Production, Sales, Installation and Servicing of Dynamic EEG Systems, Dynamic ECG Systems, Digital Brain Electric Activity Mapping, Patient Monitor, Patient Monitor System, B-Ultrasound Diagnostic System, ECG Recorder, ECG Workstation, ECG Monitor System, Medical Image Workstation, Fetal Monitor, Ventilator, Anesthetic Machine, High Frequency Surgical Unit, Pulse Oximeter, Pocket Fetal Doppler, Visual Stethoscope, Electric Suction Apparatus, Transcranial Doppler Analysis System, Maternal/Fetal Monitor, Infusion Pump, Spirometer, Ambulatory Blood Pressure Monitor, Electronic Sphygmomanometer, EMG/EP System, Pulse Oximeter Probe, Temperature Probe, ECG Electrode Cable And Accessories, Blood Pressure Cuff, Portable ECG Monitor, Semi-auto Biochemistry Analyzer, Urine Analyzer, Oxygen concentrator, Multi-parameter Vital Signs Monitor, Remote ECG Monitor, Sleep apnea screen meter, Arteriosclerosis Detector, Compressor Nebulizer, Wearable Monitor, Predictive Thermometer, Mesh Nebulizer, Capnograph and Infrared Thermometer.

The Certification Body of TÜV SÜD Product Service GmbH certifies that the company mentioned above has established and is maintaining a quality management system, which meets the requirements of the listed standard(s). See also notes overleaf.

Report No.: BJ20090203
Valid from: 2020-06-17
Valid until: 2022-03-01

Date, 2020-06-17

Christoph Dicks
Head of Certification/Notified Body

Certificate

No. Q5 050972 0052 Rev. 03

Applied Standard(s): EN ISO 13485:2016
Medical devices - Quality management systems -
Requirements for regulatory purposes
(ISO 13485:2016)
DIN EN ISO 13485:2016

Facility(ies): Contec Medical Systems Co., Ltd.
No.112 Qinhuang West Street, Economic& Technical Development
Zone, 066004 Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC
OF CHINA