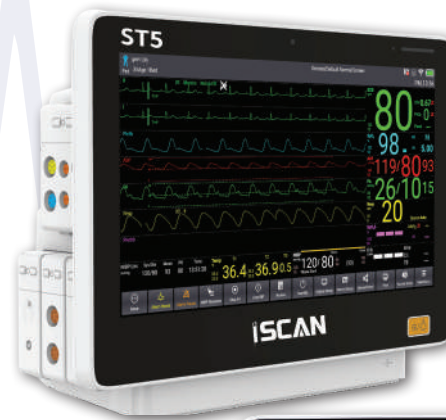


iSCAN MEDICAL GmbH

- Modular Patient Monitor
- Multiparameter Patient Monitor



AN D. HERMANNSKOLONIE 3, 52477 ALSDORF, GERMANY



www.iscan-med.com



Info@iscan-med.com / Sales@iscan-med.com



00 49 174 4052705

Main Unit Of St 5

- Display: 15" TFT-LCD Color Screen Display (1920*1080dpi)
- Touch Screen: 15" Full Touch Screen
- 4 Standard Module Slots (Including 1 Multi-Parameter PMS or NMS Module Slot and 3 Separate Single Module Slots), 1 RJ45 Internet Socket, 1 HDMI Port, 4 USB Port, 1 Ground Socket, 1 AC Socket, 1 Lithium Battery(5200mAh)

Module Option

- PMS/NMS Module: 4 Types
- Other Modules:
2-IBP Module, Nellcor SpO2 Module, Masimo SpO2 Module, Sidestream EtCO2 Module or Mainstream EtCO2 Module, CO Module, AG Module, ICG Module, EEG Module, NMT Module

Suitable For

- OR, ICU(PMS: Transfer/Transport)



- Multi-measurement module PMS & NMS, small in Size, big in Capacity
- 5" full-touch color display and wireless networking come with the PMS Module
- Difference parameter configuration enables continuous monitoring of patient to ensure seamless information workflow



PMS Module

NMS Module

Other Module

PMS&NMS Module List:

	RESP	2-TEMP	NIBP	SpO2	3/5 lead ECG	12 lead ECG
PMS/NMS1	√	√	√	√	√	
PMS/NMS2	√	√	√	√		√

HD Touch screen Modular Patient Monitor



ST5

- 15" Color High Resolution Display with Full Touch Screen
- Unique Multi-measurement & Transport Module Design
- Advanced Modular Style with Powerful Wire or Wireless Networking
- Different Plug and Play High-end Parameters Available
- Powerful Graphic & Numeric Data Review function
- Up to 12 Channels of Waveform with Various Screen Layout
- Ultra Quiet Design Suitable for Night-time Operation



AN D. HERMANSKOLONIE 3, 52477 ALSDORF, GERMANY
www.iscan-med.com
Info@iscan-med.com / Sales@iscan-med.com
 00 49 174 4052705

Version: V1.0



Technical Specification

ECG

- Lead type: 3-lead: I, II, III
5-lead: I, II, III, aVR, aVL, aVF, V
12-lead: I, II, III, aVR, aVL, aVF, V1,V2,V3,V4,V5,V6
- Gain: 2.5 mm/mV, 5.0 mm/mV, 10 mm/mV, 20 mm/mV
- Scan speed: 12.5 mm/s, 25 mm/s, 50 mm/s
- HR: Measurement and alarm range:
Adult: 15 ~ 300 bpm
Pediatric/neonate: 15 ~ 350 bpm
Resolution: 1 bpm
Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater
Measurement and alarm range: - 2.0 mV ~ + 2.0 mV
Accuracy: - 0.8 mV ~ + 0.8 mV: ± 0.04 mV or $\pm 10\%$, whichever is greater
Other range: unspecified
- Arrhythmia analysis: 23 kinds
- Pacemaker: Yes

RESP

- Measurement mode: R-F (RA-LL) impedance
- Respiration rate: Measurement range:
Adult: 0 rpm ~ 120 rpm
Pediatric/neonate: 0 rpm ~ 150 rpm
Resolution: 1 rpm
Accuracy: 7 ~ 150 rpm, ± 2 rpm or $\pm 2\%$, whichever is greater;
0 ~ 6 rpm, unspecified
- Apnea alarm: 10 ~ 120 s, not alarm
- Scan speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50mm/s

IBP

- Channel: 2-Channel or 4-Channel
- Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement and alarm range: -50 ~ 300 mmHg
- Resolution: 1 mmHg
- Accuracy: $\pm 2\%$ or 1 mmHg, whichever is greater

IBP

- Measurement and alarm range: 25 ~ 250 bpm
- Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater

SPO2

- Measurement range: 0% ~ 100%
- Resolution: 1%
- Accuracy: 70% ~ 100%: $\pm 2\%$;
0% ~ 69%: unspecified
Measurement and alarm range: 25 ~ 250 bpm
Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater
- PR

NELLCOR SPO2 (OPTION)

- Measurement range: 1% ~ 100%
- Measurement accuracy: 70% ~ 100%: $\pm 2\%$ (Adult / Pediatric)
70% ~ 100%: $\pm 3\%$ (Neonate)
0% ~ 69%: Unspecified
Measurement range: 20 ~ 300 bpm;
Measurement accuracy: 20 ~ 250 bpm, ± 3 bpm;
251 ~ 300 bpm: Unspecified;
Upper limit of alarm: Upper limit - 2 ~ 300 bpm;
Lower limit of alarm: 20 bpm ~ lower limit + 2 bpm
- Nellcor PR: Measurement range: 25 ~ 240 bpm
Measurement accuracy: ± 3 bpm (Under conditions of no motion), ± 5 bpm (Under conditions of motion)
Upper limit of alarm: Upper limit - 2 ~ 240 bpm
Lower limit of alarm: 25bpm ~ lower limit + 2 bpm

MASIMO SPO2 (OPTION)

- Measurement range: 1% ~ 100%
- Measurement accuracy: 70% ~ 100%: $\pm 2\%$ (Adult / Pediatric, Under conditions of no motion), $\pm 3\%$ (Under conditions of motion)
70% ~ 100%: $\pm 3\%$ (Neonate, under conditions of no motion)
1% ~ 69%: Unspecified
Measurement range: 25 ~ 240 bpm
Measurement accuracy: ± 3 bpm (Under conditions of no motion), ± 5 bpm (Under conditions of motion)
Upper limit of alarm: Upper limit - 2 ~ 240 bpm
Lower limit of alarm: 25bpm ~ lower limit + 2 bpm
- Masimo PR: Measurement range: 25 ~ 240 bpm
Measurement accuracy: ± 3 bpm (Under conditions of no motion), ± 5 bpm (Under conditions of motion)
Upper limit of alarm: Upper limit - 2 ~ 240 bpm
Lower limit of alarm: 25bpm ~ lower limit + 2 bpm

SIZE AND WEIGHT

- Product size: 402*169*316mm
- Product weight: 4.7Kg
- Carton size: 450*410*435mm

POWER SUPPLY

- Power supply: 100 - 240 V ~ 50/60 Hz
- Safety class: Class I, defibrillation-proof type CF applied part
- Waterproof degree: IPX2

NIBP

- Measurement mode: Oscillometry
- Working mode: Manual/AUTO/Continuous
- Measurement interval in AUTO mode: 1 min, 2 min, 2.5 min, 3 min, 5 min, 10 min, 15 min, 20 min, 30 min, 1 h, 1.5 h, 2 h, 3 h, 4 h, 8 h
- Measurement period in Continuous mode: 5 minutes
- Measurement and alarm range: 10 ~ 270 mmHg
- Resolution: 1 mmHg
- Cuff pressure accuracy: ± 3 mmHg
- Measurement accuracy: Maximal mean deviation: ± 5 mmHg
Maximal standard deviation: 8 mmHg
- Over-pressure protection: Adult mode: 297 ± 3 mmHg
Pediatric mode: 240 ± 3 mmHg
Neonatal mode: 147 ± 3 mmHg

TEMP

- Channel: 1 Channel or 2 Channel or 4 Channel
- Measurement range: 0 ~ 50 °C
- Resolution: 0.1 °C
- Accuracy: ± 0.1 °C

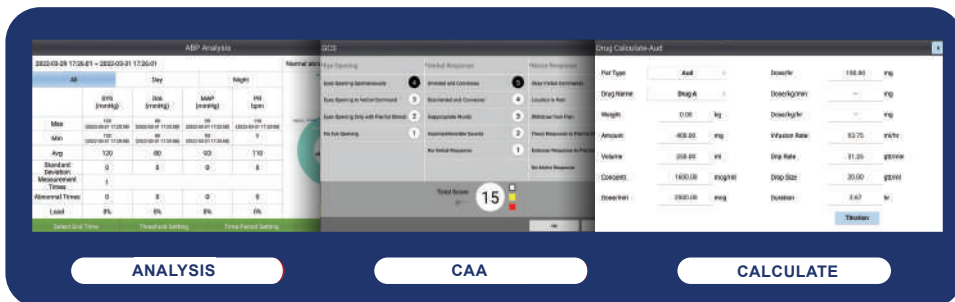
CO2

- Measurement mode: Mainstream or Sidestream
- CO2 measurement range: 0 ~ 150 mmHg
- CO2 resolution: 0.1 mmHg: 0 ~ 69 mmHg
0.25 mmHg: 70 ~ 150 mmHg
0 ~ 40 mmHg: ± 2 mmHg
41 ~ 70 mmHg: $\pm 5\%$
71 ~ 100 mmHg: $\pm 8\%$
101 ~ 150 mmHg: $\pm 10\%$
- AwRR measurement range: Sidestream: 2 ~ 120 rpm
Mainstream: 2 ~ 150 rpm
- AwRR accuracy: ± 1 rpm
- Apnea alarm: Yes

CO/AG

- More detail please refer to CO or AG specification

smart and powerful function available



Sliding Screen Option



Color 15 inch Full touch color screen, for your convenience all operation by touch only. It can also support different sliding screen operation.

standard configuration:

ST Series, PMS/NMS(12-), Lithium Battery, WiFi

module option:

2-IBP Module, Nellcor SpO2 Module, Masimo SpO2 Module, Sidestream EtCO2 Module/Mainstream EtCO2 Module, CO Module, AG Module, ICG Module, EEG Module, NMT Module

option configuration:

Thermal Recorder, Wall Mount, Trolley

Main Unit Of Acuitsign St3

- Display: 13" TFT-LCD color screen display
- Touch Screen: 13" Full Touch Screen
- 4 standard module slots (including 1 multi-parameter PMS&NMS module slot and 3 separate single module slots), 1 RJ45 internet socket, 1 HDMI port, 4 USB port, 1 ground socket, one AC socket, 1 Lithium battery (5200mAh)

Module option

- PMS/NMS Module: 4 types
 - Other Modules:
- 2-IBP module, Nellcor SpO2 module, Masimo SpO2 module, Sidestream EtCO2 module or Mainstream EtCO2 module

Suitable for

- OR, ICU(PMS: Transfer/Transport)



Suitable for

- Multi-measurement module PMS & NMS, small in Size, big in Capacity
- 5" full-touch color display and wireless networking come with the PMS Module
- Different parameter configuration enables continuous monitoring of patient to ensure seamless information workflow

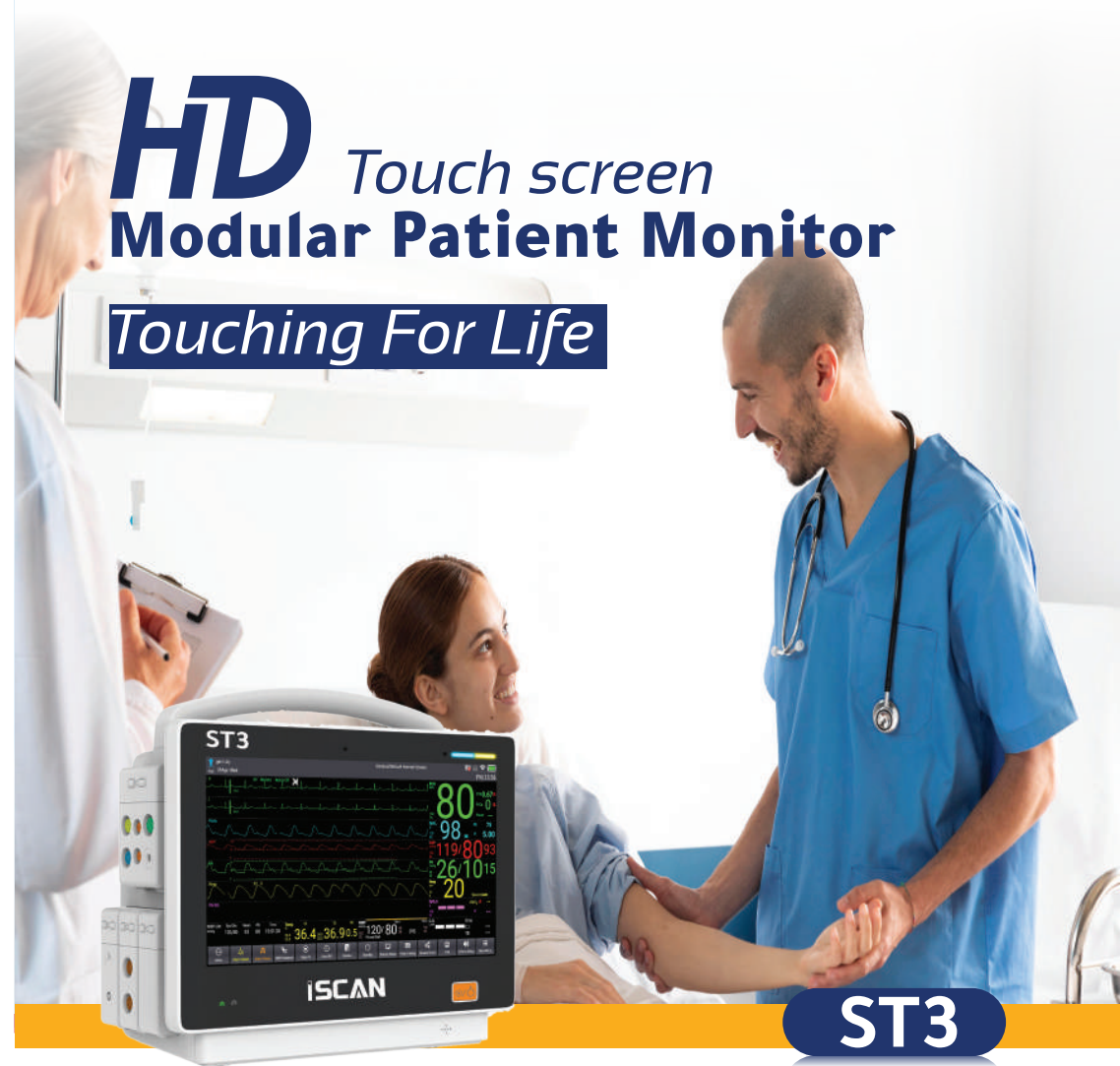


PMS&NMS module list :

	RESP	2-TEMP	NIBP	SpO2	3/5 lead ECG	12 lead ECG	2-IBP
PMS/NMS1	√	√	√	√	√		√
PMS/NMS2	√	√	√	√		√	√
PMS/NMS3	√	√	√	√	√		
PMS/NMS4	√	√	√	√		√	

HD Touch screen Modular Patient Monitor





Touching For Life



ST3

- 13" Color High Resolution Display with Full Touch Screen
- Unique Multi-measurement & Transport Module Design
- Advanced Modular Style with Powerful Wire or Wireless Networking
- Different Plug and Play High-end Parameters Available
- Powerful Graphic & Numeric Data Review function
- Up to 12 Channels of Waveform with Various Screen Layout
- Ultra Quiet Design Suitable for Night-time Operation



 AN D. HERMANNSKOLONIE 3, 52477 ALSDORF, GERMANY
 www.iscan-med.com
 Info@iscan-med.com / Sales@iscan-med.com
 00 49 174 4052705



Technical Specification

ECG

- Lead type: 3-lead: I, II, III(Option)
5-lead: I, II, III, aVR, aVL, aVF, V(Standard)
12-lead: I, II, III, aVR, aVL, aVF, V1,V2,V3,V4,V5,V6(Option)
- Gain: 2.5 mm/mV, 5.0 mm/mV, 10 mm/mV, 20 mm/mV
- Scan speed: 12.5 mm/s, 25 mm/s, 50 mm/s
- HR: Measurement and alarm range:
Adult: 15 ~ 300 bpm
Pediatric/neonate: 15 ~ 350 bpm
Resolution: 1 bpm
Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater
- ST-segment detection: Measurement and alarm range: -2.0 mV ~ $+2.0$ mV
Accuracy: -0.8 mV ~ $+0.8$ mV: ± 0.04 mV or $\pm 10\%$, whichever is greater
Other range: unspecified
- Arrhythmia analysis: 23 kinds
- Pacemaker: yes

RESP

- Measurement mode: R-F (RA-LL) impedance
- Respiration rate: Measurement range:
Adult: 0 rpm ~ 120 rpm
Pediatric/neonate: 0 rpm ~ 150 rpm
Resolution: 1 rpm
Accuracy: 7 ~ 150 rpm, ± 2 rpm or $\pm 2\%$, whichever is greater;
0 ~ 6 rpm, unspecified
- Apnea alarm: 10 ~ 120 s, not alarm
- Scan speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50mm/s

IBP

- Channel: 2-channel(Standard)
4-channel(Option)
- Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2
-50 ~ 300 mmHg
- Measurement and alarm range:
- Resolution: 1 mmHg
- Accuracy: $\pm 2\%$ or 1 mmHg, whichever is greater

SPO2

- Measurement range: 0 % ~ 100 %
- Resolution: 1 %
- Accuracy: 70 % ~ 100 %: $\pm 2\%$;
0 % ~ 69 %, unspecified
- PR: Measurement and alarm range: 25 ~ 250 bpm
Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater

NELLCOR SPO2 (OPTION)

- Measurement range: 1% ~ 100 %
- Measurement accuracy: 70 % ~ 100 %: $\pm 2\%$ (adult / pediatric)
70 % ~ 100 %: $\pm 3\%$ (neonate)
0 % ~ 69 %: unspecified
- Nellcor PR: Measurement range: 20 ~ 300 bpm;
Measurement accuracy: 20 ~ 250 bpm, ± 3 bpm;
251 ~ 300 bpm: unspecified;
Upper limit of alarm: upper limit - 2 ~ 300 bpm;
Lower limit of alarm: 20 bpm ~ lower limit + 2 bpm

MASIMO SPO2 (OPTION)

- Measurement range: 1 % ~ 100 %
- Measurement accuracy: 70 % ~ 100 %: $\pm 2\%$ (adult / pediatric, under conditions of no motion), $\pm 3\%$ (under conditions of motion)
70 % ~ 100 %: $\pm 3\%$ (neonate, under conditions of no motion)
1 % ~ 69 %: unspecified
- Masimo PR: Measurement range: 25 ~ 240 bpm
Measurement accuracy: ± 3 bpm (under conditions of no motion), ± 5 bpm (under conditions of motion)
Upper limit of alarm: upper limit - 2 ~ 240 bpm
Lower limit of alarm: 25bpm ~ lower limit + 2 bpm

SIZE AND WEIGHT

- Product size: 349*165*313mm
- Product weight: 3.95kg
- Carton size: 450*410*435mm

POWER SUPPLY

- Power supply: 100 - 240 V ~ 50/60 Hz
- Safety class: Class I, defibrillation-proof type CF applied part
- Waterproof degree: IPX2

NIBP

- Measurement mode: Oscillometry
- Working mode: Manual/AUTO/Continuous
- Measurement interval in AUTO mode: 1 min, 2 min, 2.5 min, 3 min, 5 min, 10 min, 15 min, 20 min, 30 min, 1 h, 1.5 h, 2 h, 3 h, 4 h, 8 h
- Measurement period in Continuous mode: 5 minutes
- Measurement and alarm range: 10 ~ 270 mmHg
- Resolution: 1 mmHg
- Cuff pressure accuracy: ± 3 mmHg
- Measurement accuracy: Maximal mean deviation: ± 5 mmHg
Maximal standard deviation: 8 mmHg
- Over-pressure protection: Adult mode: 297 ± 3 mmHg
Pediatric mode: 240 ± 3 mmHg
Neonatal mode: 147 ± 3 mmHg

TEMP

- Channel: Single-channel(Standard) dual-channel (Option)
- Measurement range: 0 ~ 50 °C
- Resolution: 0.1 °C
- Accuracy: ± 0.1 °C

CO2

- Measurement mode: Sidestream (Standard)
Mainstream(Option)
- CO2 measurement range: 0 ~ 150 mmHg
- CO2 resolution: 0.1 mmHg: 0 ~ 69 mmHg
0.25 mmHg: 70 ~ 150 mmHg
- Accuracy: 0 ~ 40 mmHg: ± 2 mmHg
41 ~ 70 mmHg: $\pm 5\%$
71 ~ 100 mmHg: $\pm 8\%$
101 ~ 150 mmHg: $\pm 10\%$
- AwRR measurement range: Sidestream: 2 ~ 120 rpm
Mainstream: 2 ~ 150 rpm
- AwRR accuracy: ± 1 rpm
- Apnea alarm: yes

Standard Configuration:

ECG, RESP, NIBP, TEMP, SpO2, PR.

Option Configuration:

Nellcor SpO2, Masimo SpO2, 12 Lead ECG, Thermal recorder, IBP, EtCO2, WiFi.



Technical Specification

features

- 15" TFT color LCD, multi-language interface: Simplified Chinese, Traditional Chinese, English, French, German, Turkish, Spanish(Europe), Spanish(Mex-ic), Portuguese, Italian, Dutch, Romanian, Russian, Kazakh, Polish, Czech, Bulgarian, Ukraine.
- Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection.
- All-round monitor for adult, pediatric and neonate.
- With standard interface, OxyCRG, trend chart, big character interface and view bed, convenient to observe.
- Waveform, parameter color and location can be set optionally.
- Operation mode: keys and buttons.
- Display up to 8-channel waveform on one screen.
- Display 7-lead ECG waveform on one screen, and with ECG step function.
- Adopt digital SpO2 technology, anti-motion and anti-ambient light interference, and measurement can be performed under the circumstance of weak filling.
- HRV analysis function.
- NIBP measurement mode: Manual/AUTO/Continuous, storage for 4800-group NIBP data.
- Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.
- Drug concentration calculation and titration table functions.
- Print trend table data with one-key.
- AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.
- Anti-high frequency surgical unit, defibrillation-proof(special leads are necessary).



- 15" TFT display, easy to view
- Most popular basic 5 parameters(ECG, RESP, NIBP, SpO2,TEMP) to reach general clinical needs
- Arrhythmia and ST analysis to provide rapid cardiac diagnosis
- Pitch tone for audibly recognized SpO2
- Wire networking
- Drug calculation and titration, useful clinical tools



- Dimension: 363 mm(L) x 168 mm(W) x 339 mm(H)
- Weight: < 4.7 kg (Standard configuration, excluding battery and accessories)

• ECG

Lead mode:

3-lead: I , II , III

5-lead: I ,II , III , aVR, aVL, aVF, V

Waveform: 5-lead, 2-channel

3-lead, 1-channel

Gain: 2.5 mm/mV, 5.0 mm/mV, 10 mm/mV, 20 mm/mV, 40 mm/mV Scan speed: 12.5 mm/s, 25 mm/s, 50 mm/s

HR:

Measurement and alarm range: 15 bpm~300 bpm; Pediatric/neonate: 15 bpm~350 bpm

Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater

Alarm accuracy: ± 2 bpm

Resolution: 1 bpm

ST-segment monitoring:

Measurement and alarm range: -2.0 mV~+2.0 mV

Accuracy: -0.8 my~+0.8 my ± 0.04 my or $\pm 10\%$, whichever is greater Other range: unspecified

Arrhythmia analysis: ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, R ON T, VT>2, PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC

Pacemaker: yes

• RESPIRATION

Method: R-F(RA-LL) Impedance

Respiration rate:

Measurement and alarm range: 0~150 rpm

Resolution: 1 rpm

Measurement accuracy: ± 2 rpm

Apnea alarm: 10~40 s

Scan speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s

• NIBP

Method: Oscillometry

Mode: Manual/AUTO/Continuous

Measurement interval in AUTO mode: 1/2/3/4/5/10/15/30/60/90/120/240/480/960 minutes

Measurement period in Continuous mode: 5 minutes

Measurement and alarm range: 10~270 mmHg

Resolution: 1 mmHg

Cuff pressure accuracy: ± 3 mmHg

Measurement accuracy:

Maximal mean deviation: ± 5 mmHg

Maximal standard deviation: 8mmHg

Over-pressure protection:

Adult mode: 297 ± 3 mmHg

Pediatric mode: 240 ± 3 mmHg

Neonatal mode: 147 ± 3 mmHg

• SpO2

Measurement and alarm range: 0~100% Resolution: 1%

Measurement accuracy: 70%~100%: $\pm 2\%$;

0%-69%: unspecified

• PR

Measurement and alarm range: 25~250 bpm

Measurement accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater

• TEMP

Channel: dual-channel

Measurement and alarm range: 0~50°C Resolution: 0.1°C

Accuracy: $\pm 0.1^\circ\text{C}$

• EtCO2

Method: Sidestream or Mainstream

Measurement range for CO2: 0~150 mmHg Resolution for CO2:

0~69 mmHg: 0.1 mmHg

70~150 mmHg: 0.25 mmHg

Accuracy for CO2:

0~40 mmHg: ± 2 mmHg

41~70 mmHg: $\pm 5\%$

71~100 mmHg: $\pm 8\%$

101~150 mmHg: $\pm 10\%$

AwRR range: 2~150 rpm

AwRR accuracy: ± 1 rpm

Apnea alarm: yes

• IBP

Channel: dual-channel

Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2

Measurement and alarm range: -10~300 mmHg Resolution: 1 mmHg

Accuracy: $\pm 2\%$ or 1 mmHg, whichever is greater

• Power supply: AC 100~240V, 50/60Hz

• Safety classification: Class I, type CF defibrillation-proof applied part

Standard Configuration Of EXPRESS MD90





ECG,HR,RESP,SpO2, NIBP, 1-TEMP, Lithium Battery

optional parameter Of EXPRESS MD90

2-TEMP, Thermal recorder, SideStream EtCO2, MainStream EtCO2, Full Touch Screen, IBP

Specification subject to be changed without prior notice.



 AN D. HERMANNSKOLONIE 3, 52477 ALSDORF, GERMANY
 www.iscan-med.com
 Info@iscan-med.com / Sales@iscan-med.com
 00 49 174 4052705

BASIC CHARACTERISTICS



<p>1280x800 HD display</p>	<p>Full-screen HD display ,1280*800 resolution HD screen</p>	<p>Accurate</p>	<p>With advanced algorithm for automatic measurements and interpretation, ensure good reading and accurate during different situation</p>
<p>Portable</p>	<p>The machine is small and portable, with a hidden handle designed for an ergonomic appearance</p>	<p>Smart</p>	<p>Smart and user-friendly operation system, with the quick start capability and one-button workflow</p>
<p>Gesture Operation</p>	<p>Gesture operation - multi-touch screen supports multiplegesture operations</p>	<p>Professional</p>	<p>Complying professional high level standards, using high quality measurement accessories</p>
<p>Reliable</p>	<p>Constructed by sturdy materials case highly resist for critical environmental influence, also reduces electromagnetic interference that disrupt measurements, very suitable for long time monitoring</p>	<p>Wide Viewing Screen</p>	<p>Wide viewing screen- can be viewed from any angles</p>
<p>Emergency Mobile Sever</p>	<p>Emergency mobile sever- Ensure the seamless transport monitoring and data transfer through the entire medical care</p>	<p>Connectivity</p>	<p>Built-in case database management system which can store 1000 cases, standard USB export also can review the records, analyse and print the reports</p>

Various mounting solution

Wide range of mounting solutions such as trolley, wall mount etc to fit for various clinical needs



Specification subject to be changed without prior notice

MULTI -PARAMETER PATIENT MONITOR



MD90



Technical Specification

MD90

DISPLAY

- Screen & Resolution: 12.1 inch, 1024*768 pixels
- Waveform: 7 lead wave form for standard configuration
- Indicator: Alarm indicator, power indicator, battery indicator, pulse rate sound, alarm sound
- Port: Specification port, AC port, LAN port, USB port
- Size: 295mm*265mm*180mm
- Weight: N.W.2.80Kg

NIBP

- Measurement Method: Oscillation
- Measurement Mode: Manul/Auto/Continuous
- Pressure Unit: mmHg/Kpa
- Measurement Parameter: Systolic, Diastolic, Mean
- Systolic Range: ADU: 30~260mmHg; PED: 30~200mmHg
NEO: 30~135mmHg
- Diastolic Range: ADU: 20~220mmHg; PED: 20~165mmHg
NEO: 20~100mmHg
- Mean Range: ADU: 20~230mmHg; PED: 20~165mmHg
NEO: 20~110mmHg
- Accuracy: ± 3 mmHg
- Double Overvoltage Protection

TEMP

- Range: 0~50 C
- Resolution: 0.1 C
- Accuracy: ± 0.1 C
- Dual Channels

RESP

- Measurement Method: Impedance Breathing
- Range: 0~120RPM
- Choking Alarm: 20s~60s optional, interval 5s

ECG

- Lead: 3/5 lead
- Waveform: 2 channel
- Gain: AUTO, 2.5 mm/mV, 5.0 mm/mV, 10 mm/mV
20 mm/mV, 40 mm/mV
- Speed: 12.5mm/s, 25mm/s, 50mm/s
- HR Range: 15-300BPM(AUD),15-350BPM(PED/NEO)
- Filter Mode: Dia(0.05~100Hz), Mon(0.5~40Hz), Sur(1~25Hz)
- Protection: Anti-electric knife, Anti-defibrillation protection
5000V isolation strength
- ST Diagnosis: -2.5mV~2.5mV, Arrhythmia analysis
Pacing detection

SPO2

- Range: (0~100%); Resolution(1%)
- Accuracy: $\pm 2\%$ (70~100%)
- PR: Range(30~250BPM), Accurate(± 2 BPM)

IBP

- IBP: Range: -50~400mmHg
Accuracy: ± 3 mmHg(0~40mmHg)
- Supports Multiple
Measurement Modes: ABP, CVP, ICP, LAP and so on
- Pulse Rate Range: 20~254BPM, Accurate: ± 2 RPM

• Support dual-channel IBP simultaneous measurement

SPO2

- Mode: Main stream/side stream
- Range: 0~150mmHg
- Accuracy: ± 2 mmHg(0-76mmHg)
 $\pm 5\%$ (77-150mmHg)
 $\pm 8\%$ (101~150mmHg)
- Respiratory Rate Range: 0~150RPM; Accuracy: ± 2 RPM
- Sampling Flow: 50ml/Min

AG GAS

- Mode: Main stream/side stream
- ISO: Range: 0-5%
Accuracy: 0.15Vol%+ reading 5%
- SEV: Range: 0-8%
Accuracy: 0.15xVol%+reading 5%
- CO2: Range: 0-20%
Accuracy: 0.20Vol%+ reading 5%(0~5%)
0.20Vol%+ reading 8%(5.1~20%)
- RESP: Range: 0~120RPM
Accuracy: ± 2 RPM
- Sampling Flow: 50ml/Min
- Anesthetic gas ID automatic identification
- Automatic recognition time is less than 20s



Product Appearance



Interface



Touch Screen



Handle and Storage Design

Product configuration

Standard Configuration

- ECG, SpO2, NIBP, RESP, TEMP, PR

Optional

- 2-TEMP, Thermal Recorder, 2-IBP, Side(Micro)Stream EtCO2
MainStream EtCO2, Masimo SpO2, AG/Multi-gas, CO, HL7, WIFI



BASIC CHARACTERISTICS

<p>HD display</p>	<p>Full-screen HD display ,1280*800 resolution HD screen</p>	<p>Accurate</p>	<p>With advanced algorithm for automatic measurements and interpretation, ensure good reading and accurate during different situation</p>
<p>Portable</p>	<p>The machine is small and portable, with a hidden handle designed for an ergonomic appearance</p>	<p>Smart</p>	<p>Smart and user-friendly operation system, with the quick start capability and one-button workflow</p>
<p>Gesture Operation</p>	<p>Gesture operation - multi-touch screen supports multi-gesture operations</p>	<p>Professional</p>	<p>Complying professional high level standards, using high quality measurement accessories</p>
<p>Reliable</p>	<p>Constructed by sturdy materials case highly resist for critical environmental influence, also reduces electromagnetic interference that disrupt measurements, very suitable for long time monitoring</p>	<p>Wide Viewing Screen</p>	<p>Wide viewing screen- can be viewed from any angles</p>
<p>Emergency Mobile Server</p>	<p>Emergency mobile sever- Ensure the seamless transport monitoring and data transfer through the entire medical care</p>	<p>Connectivity</p>	<p>Built-in case database management system which can store 1000 cases, standard USB export also can review the records, analyse and print the reports</p>

Various mounting solution



Specification subject to be changed without prior notice

MULTI -PARAMETER PATIENT MONITOR



MD80



DISPLAY

- Screen & Resolution: 10.1 inch, 1280*800 pixels
- Waveform: 7 lead wave form for standard configuration
- Indicator: Alarm indicator, power indicator, battery indicator, pulse rate sound, alarm sound
- Port: Specification port, AC port, LAN port, USB port
- Size: 263mm*217mm*155mm
- Weight: N.W.1.6Kg

NIBP

- Measurement Method: Oscillation
- Measurement Mode: Manul/Auto/Continuous
- Pressure Unit: mmHg/Kpa
- Measurement Parameter: Systolic, Diastolic, Mean
- Systolic Range: ADU: 30~260mmHg; PED: 30~200mmHg
NEO: 30~135mmHg
- Diastolic Range: ADU: 20~220mmHg; PED: 20~165mmHg
NEO: 20~100mmHg
- Mean Range: ADU: 20~230mmHg; PED: 20~165mmHg
NEO: 20~110mmHg
- Accuracy: ±3mmHg
- Double Overvoltage Protection

TEMP

- Range: 0~50 C
- Resolution: 0.1 C
- Accuracy: ± 0.1 C
- Dual Channels

RESP

- Measurement Method: Impedance Breathing
- Range: 0~120RPM
- Choking Alarm: 20s~60s optional, interval 5s

ECG

- Lead: 3/5 lead
- Waveform: 2 channel
- Gain: AUTO, 2.5 mm/mV, 5.0 mm/mV, 10 mm/mV
20 mm/mV, 40 mm/mV
- Speed: 12.5mm/s, 25mm/s, 50mm/s
- HR Range: 15-300BPM(AUD),15-350BPM(PED/NEO)
- Filter Mode: Dia(0.05~100Hz), Mon(0.5~40Hz), Sur(1~25Hz)
- Protection: Anti-electric knife, Anti-defibrillation protection
5000V isolation strength
- ST Diagnosis: -2.5mV~2.5mV, Arrhythmia analysis
Pacing detection

SPO2

- Range: (0~100%); Resolution(1%)
- Accuracy: ±2%(70~100%)
- PR: Range(30~250BPM), Accurate(± 2BPM)

SPO2

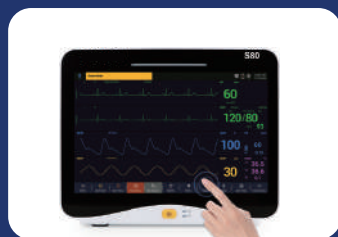
- Mode: Main stream/side stream
- Range: 0~150mmHg
- Accuracy: ±2mmHg(0-76mmHg)
±5%(77-150mmHg)
± 8%(101~150mmHg)
- Respiratory Rate Range: 0~150RPM; Accuracy: ±2RPM
- Sampling Flow: 50ml/Min



Product Appearance



Interface



Touch Screen



Handle and Storage Design

Product configuration

Standard Configuration

- ECG, SpO2, NIBP, RESP, TEMP, PR

Optional

- Side(Micro)Stream EtCO2, MainStream EtCO2 Masimo SpO2

ISCAN