MDPRO by MTMC

MDPRO5000

Anesthesia Monitor

The MDPRO5000 Patient Monitor is built to meet the needs of any operating room, offering high performance. With its advanced monitoring system and integrated clinical interfaces, it serves as an all-in-one solution for ambulatory surgery centers.

1200	120 HR	15 IN	120 S
NIBP Measurement	Trend Review	Screen Size	Frozen Waveform

4204 Jutland Drive, Suite A, San Diego, CA 92117
888.602.PROS

Features

- 15” Touchscreen with maximum 13 waveforms
- Customizable alarms and thresholds
- Adult, pediatric, and neonate presets
- Customizable shortcut menu
- Connection to MFM-CMS Central Monitoring Station with bidirectional communication to view real time vitals, alarms, and create reports
- iSEAP™ ECG algorithm optimized for arrhythmia detection, pacemaker detection, and HR measurement

Standard Parameters: 3/5-lead ECG, HR, RESP, SpO2, NIBP, PR, 2-TEMP, Dräger Anesthetic Gas Module (Sidestream) Dräger AG Minimodule measures CO2, N2O, and 5 anesthetic agents (Halothane (HAL), Isoflurane (ISO), Enflurane (ENF), Sevoflurane (SEV), Desflurane (DES). Optional Paramagnetic O2

Optional Parameters: 12-lead ECG, 4-IBP (with ICP support), Cardiac Output, Nellcor OxiMax SpO2, SunTech NIBP

Powerful Technologies

- Arrythmia and S-T segment analysis
- Electrosurgical interference proof
- Automatic purification and zero calibration
- Watertrap with twin membrane protection system keeps condensation out of the sampling gas and the purge gas
- Dual battery slots for extended battery life, up to 16 hours of operating time

ASC

Oral Surgeons

No-fan Design

Night Mode

PT

Pitch Tone

Thermal Recorder

Shortcut Menu

Ethernet Printer

Multigas Module

Dräger Anesthetic Gas/O2 (Sidestream)

- Built-in sidestream module with optional paramagnetic O2
- Single channel module or dual channel module with AAID
- Utilizes disposable Dräger WaterLock2 water traps

Display Modes

- Standard Display
- Large Font
- Vital Display
- Trend View
- OxyCRG
- Bed View

Configurations

MDPro5000-DAG
Standard Configuration with internal Dräger multigas bench, CO2, N2O, and 5AG, Touch screen, & WiFi

MDPro5000-DAG.P
Standard Configuration with internal Dräger multigas bench, CO2, N2O, and 5AG, Touch screen, WiFi, & Printer installed

MDPro5000-DAG02
Standard Configuration with internal Dräger multigas bench, CO2, N2O, 5AG and paramagnetic O2, Touch screen, & WiFi

MDPro5000-DAG02.P
Standard Configuration with internal Dräger multigas bench, CO2, N2O, 5AG and paramagnetic O2, Touch screen, WiFi, & Printer installed

Accessories

STANDARD ACCESSORIES
- Skin Temperature Probe — ***01.15.040187***
- EDAN Adult Reusable SpO2 Sensor — ***SH1.Lemo***
- Adult Cuff (25cm-35cm) — ***Cuff.E9***
- NIBP Tube (3m) with connector — ***01.59.036118-11***
- 3-lead ECG integrative Cable, Snap (AHA) — ***01.57.471095-10***
- Rechargeable Lithium-Ion Battery (14.8V, 4200mAh) — ***01.21.064143***
- Power Cord — ***01.13.036106***
- Dräger Water Cup (Qty 1) — ***01.57.471489***
- Dräger Sampling Tube (Qty 1) — ***01.57.471492***

Optional Accessories

SPO2 SENSORS & CABLE
- Adult Hard-Shell SpO2 Finger Sensor (DB9) — ***SH1.DB9***
- Silicone Wrap SpO2 Finger Sensor (DB9) — ***SH3.DB9***
- Adult “Hood” Soft-tip SpO2 Finger Sensor (DB9) — ***SH4.DB9***
- Adult/Pediatric Ear Clip SpO2 Sensor (DB9) — ***SH6.DB9***
- Extension Cable (2m, lemo to DB9) — ***01.13.210001-13***

CUFFS
- NIBP Cuff, Infant, 10-15cm, reusable — ***Cuff.E5***
- NIBP Cuff, Small Child, 13-17cm, reusable — ***Cuff.E6***
- NIBP Cuff, Child, 16-21cm, reusable — ***Cuff.E7***
- NIBP Cuff, Small Adult, 20.5-28cm, reusable — ***Cuff.E8***
- NIBP Cuff, Adult, 27cm-35cm, reusable — ***Cuff.E9***
- NIBP Cuff, Large Adult, 34cm-43cm, reusable — ***Cuff.E10***

TROLLEY
- Center Pole Trolley (roll stand) with basket and locking casters (23lbs, 31x24x9) — ***MT-207_plate_mdpro5000***

WALL MOUNT
- ***IM.WM***

PAPER (Sold in Packs of 20)
- ***01.57.78035***

Specifications

Physical Specification
Device Dimension:
370 mm (L) × 175 mm (W)× 320 mm (H)
Weight: < 7 kg

Display
Color TFT LCD: 15”
Resolution: 1024 × 768
Waveforms Displayed: Up to 13
One power LED
Two alarm LED
One charge LED

Battery
One Battery (4.2 aH): ≥ 320 min
Two Batteries (2*4.2Ah): ≥ 560 min

ECG
Lead Mode:
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
Waveform Speed: 6.25mm/s, 12.5mm/s,
25mm/s, 50mm/s
ECG HR Range:
- Adult: 15-300 bpm
- Pediatric / Neonate: 15-350 bpm

Resolution: 1 bpm
Accuracy: +1 bpm or +1%
Filter:
Diagnostic Mode: 0.05 ~ 150 Hz
Monitoring Mode: 0.5 ~ 40 Hz
Surgical Mode: 1~20 Hz
ST-Segment Detection:
Measurement Range: -2.0 mV~2.0 mV

RESP
Method: Trans-thoracic impedance
Operation Mode: Auto/Manual
RR Measurement Range:
- Adult: 0~120 rpm
- Neonate/Pediatric: 0~150 rpm

Resolution 1 rpm
Apnea Alarm Threshold: 10, 15, 20, 25, 30,
35, 40 s
Band Width: 0.2-2.5 Hz (-3 dB)
Sweep Speed: 6.25, 12.5, 25, 50 mm/s

Sp02
Measurement & Alarm Range:
0~100% (Sp02)
Resolution: 1%;
Accuracy: +2% (70~100%,
Adult/ Pediatric) +3% (70~100%,
Neonate)
PR Measurement:
Resolution: 25-300 bpm
1 bpm
Refresh Rate: 1 second

NIBP
Method: Automatic Oscillometric
Operation Modes: Manual/Automatic/
Continuous
Auto Measurement Time Interval
1, 2, 3, 4, 5, 10, 15, 30, 60, 90,
120, 240, 480 minutes
Measurement Unit: mmHg/kPa
Measurement Types: Systolic, Diastolic,
Mean, Pressure Range:
Adults:
- Systolic: 40~270 mmHg
- Diastolic: 10~215 mmHg
- Mean: 20~235 mmHG

Pediatrics:
- Systolic: 40~200 mmHg
- Diastolic: 10~100 mmHg
- Mean: 20~165 mmHG

Neonates:
- Systolic: 40~135 mmHg
- Diastolic: 10~100 mmHg
- Mean: 20~110 mmHG

Resolution: 1 mmHg
Accuracy:
Max Mean Error: +5 mmHg
Max Standard Deviation: 8 mmHg
PR from NIBP Measurement Range:
40~240 bpm
Resolution: 1 bpm
Accuracy: 3 bpm or 3.5%
SP10:2002

IBP
Measurement Pressure:
ART, PA, CVP, RAP, LAP, ICP, P1, P2
Measurement Range: -50~300 mmHg
Resolution: 1 mmHg
Accuracy: +2% or +1 mmHg (whichever
is greater, without probe)
Sensitivity: 5μV/V/mmHg
Impedance Range: 300-3000Ω

C02 Sidestream
Range: 0~13% (0-100 mmHg)
Accuracy: +2 mmHg < 5.0% C02 <6% of
the reading >5.0% C02
Sample Flow Rate: 100~200 ml/min

Temperature
Measurement/Alarm Range:
Resolution: 0~50 oC (32-122 oF)
Accuracy: 0.1 oC
Channel: +01 oC (without probe)
Dual-channel. Provide T1; T2; ΔT

Recorder
Recorder Width: 48 mm
Paper Speed: 25 mm/s, 50 mm/s
Trace: 3
Recording Types:
- Continuous real-time recording
- 8 seconds real-time recording
- Time recording
- Alarm recording
- Trend graph recording
- Trend table recording
- NIBP review recording
- Arrhythmia review recording
- Alarm review recording
- 12-lead analysis recording
- C.O. measurement recording
- Drug calculation titration recording
- Hemodynamic Calculation result recording