

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

NIBP
Measurement

120 HR

Trend
Review

15 IN

Screen
Size

120 S

Full Disclosure
Wave

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

- Arrhythmia 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

Display Modes



Standard Display



Large Font



Vital Display



Trend View



OxyCRG



Bed View

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



No-fan Design



Night Mode



Pitch Tone



Thermal Recorder



Shortcut Menu



Ethernet Printer

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**

G2 ACCESSORIES

- Edan Dewatering Cups for G2 Co2 — **02.01.210520**
- ETCO2 Sampling Cannulas, Adult cannula with 7' CO2 line. Male Luer-Lok Connector — **4000-7-25**
- ETCO 2 Sampling Lines 10' Male to Female) — **4410-10-25**

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

Condition:
At 25°C, with (a) new fully
charged battery/batteries
One Battery (4.2 aH): 120 min or longer
Two Batteries (2*4.2Ah): 240 min or longer

Condition:
Monitor is on or in standby
mode.

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

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 Opera-
tion 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

SPO2

Measurement & Alarm Range:
0-100% (SpO2)
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%

SPIO: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

RESPIRONICS MODULE

Type: Sidestream/Mainstream
Range: 0-150 mmHg
Accuracy: +2 mmHg 0-40 mmHg,
+5% 41-70 mmHg
+8% 71-100 mmHg
+10% 101-150 mmHg
AwRR Accuracy: +1 rpm

CO2 SIDESTREAM

Range: 0-13% (0-100 mmHg)
Accuracy: +2 mmHg < 5.0% CO2 <6% of the
reading >5.0% CO2
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