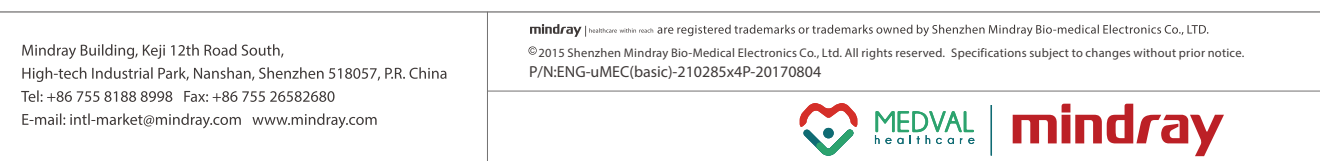


uMEC10	Monitor size: 315mm x 155 mm x 220mm Weight: ≤3.5kg, Standard parameters configuration, including a lithium battery and a recorder	NIBP Method: Automatic Oscillometric Operation mode: Manual, Auto, STAT Parameters: Systolic, Diastolic, Mean Systolic range: Adu: 25 to 290 mmHg Ped: 25 to 240 mmHg Neo: 25 to 140 mmHg Diastolic range: Adu: 10 to 250 mmHg Ped: 10 to 200 mmHg Neo: 10 to 115 mmHg Mean range: Adu: 15 to 260 mmHg Ped: 15 to 215 mmHg Neo: 15 to 125 mmHg Accuracy: Max mean error:±5 mmHg Max standard deviation: 8 mmHg Resolution: 1 mmHg NIBP analysis: Yes
uMEC12	Monitor size: 345mm x160mm x 255mm Weight: ≤4kg, Standard parameters configuration, including a lithium batter and a recorder	Temperature Channel: 1-ch (uMEC10), 2-ch (uMEC12) Parameters: T1, T2 and TD Range: 0 to 50°C (32 to 122 °F) Resolution: 0.1°C Accuracy: ±0.1°C or ±0.2 °F (without probe)
Display	Type: uMEC10: 10.4" color LED, or touchscreen uMEC12: 12.1" color LED, or touchscreen Resolution: 800 x 600 pixels Waveforms: uMEC10: up to 7 uMEC12: up to 11 External display: 1 display through VGA	Data Storage Trend data: 1200hrs (interval 10min), 120 hrs (interval 1 min), 4 hrs (interval 5 sec) Alarm events: 1800 events and associated waveforms Arr. events: 128 Arr. events and associated waveforms NIBP: 1600 measurements Waveforms: Max. 48 hrs full disclosure waveforms
ECG	Lead set: 3-lead: I, II, III 5-lead: I, II, III, aVR, aVL, aVF, V Automatic 3/5 – lead recognition Gain: x0.125, x0.25, x0.5, x1, x2, x4, Auto Sweep speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s Bandwidth: Diagnostic Mode: 0.05-150Hz Monitor Mode: 0.5-40Hz Surgical Mode: 1-20Hz ST Mode: 0.05-40Hz Defib.protection: Withstand 5000V (360J)defibrillation Recovery time: <10 s CMRR: Diagnostic Mode: >90dB Monitor, Surgical, ST Mode: >105dB ST analysis: Range:-2.0 to 2.0 mV Accuracy: ±0.02 mV or ±10 %, whichever is greater (-0.8 to +0.8 mV) Resolution: 0.01mV Arr analysis: Yes, multi-lead, 24 classifications, including AF QT analysis: Yes	Battery Type: 1 Build-in chargeable Lithium-ion battery Voltage: 11.1 VDC Capacity: 2500 mAh (5000 mAh optional) Run time: 4 hrs(2500 mAh), 8 hrs (5000 mAh) Recharge time: 2500 mAh: 4 hrsmaximum (power off) 5000 mAh: 8 hrsmaximum (power off)
Heart Rate	Range: Adu: 15 to 300 bpm Ped/Neo: 15 to 350 bpm Resolution: 1 bpm Accuracy: ±1 bpm or ±1%, whichever is greater HR analysis: Yes	Interfacing Connectors: 1 AC power connector 1 RJ45 network connector 2 USB 2.0 connector 1 VGA output connector 1 multifunctional output connector (output ECG,nurse call and Defib Synch. Signals) WiFi support: Yes, 5G/2.4G dual band Barcode Scanner: Support Network printer: Support
Respiration	Range: Adu: 0 to 120 rpm Ped/Neo: 0 to 150 rpm Resolution: 1 rpm Accuracy: 7 to 150 rpm: ±2 rpm or ±2%, whichever is greater 0 to 6 rpm: Not specified Lead: I or II Sweep speed: 3mm/s, 6.25 mm/s, 12.5 mm/s, 25 mm/s or 50mm/s	Recorder Type: Thermal array Speed: 12.5mm/s, 25 mm/s, 50 mm/s Trace: 3
SpO₂	Range: 0 to 100% Resolution: 1% Accuracy: ±2% (70-100%, Adu/Ped) ±3% (70-100%, Neo) Unspecified (0-69%) Refreshing rate: ≤2 s	Power Requirements AC Voltage: 100 to 240 VAC, 50/60Hz Current: 1.5 A
Pulse Rate	Range: 20 to 300 bpm (from SpO ₂) 30 to 300 bpm (from NIBP) Accuracy: ±3 bpm (from SpO ₂) ±3bpm or ±3%, whichever is greater (from NIBP) Resolution: 1 bpm Refreshing rate: ≤2 s	Environmental Requirements Temperature: Operating: 0 to 40°C(32 to 104 °F) Storage: -20 to 60°C (-4 to 140 °F) Humidity: Operating: 15 to 95 % (non condensing) Storage: 10 to 95 % (non condensing) Barometric: Operating: 427.5 to 805.5 mmHg (57.0 to 107.4 kPa) Storage: 120 to 805.5 mmHg (16.0 to 107.4 kPa)

A healthcare professional in blue scrubs is smiling and showing a tablet to an elderly female patient lying in a hospital bed. A heart rate monitor is visible in the background.

Taking high cost out of quality healthcare



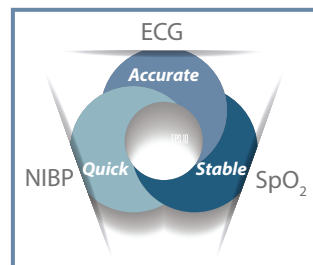
mindray
healthcare within reach



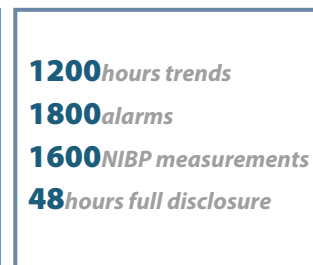
Advanced Performance

With Mindray's 25-year experience in patient monitoring, uMEC series patient monitors cater to clinical needs by offering precise and stable measurement of essential parameters. When monitoring is reliable, you can naturally be more confident with your clinical decisions.

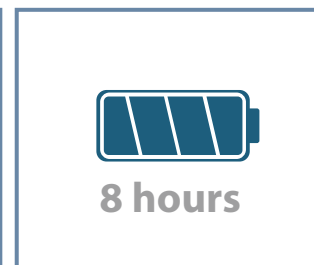
- Mindray's patented Multi-lead ECG Algorithm greatly improves the accuracy of measurement and reduces false alarms
- NIBP quick-measurement technique reduces the discomfort caused by cuff inflation, especially for patients suffering from hypertension or hypotension
- Anti-interference SpO₂ algorithm provides accurate measurement even when the patient is mobile
- Large capacity for data storage enables comprehensive review of patient's history data, and external USB storage devices are also supported
- 8-hour continuous runtime with one Lithium-ion battery



Essentially advanced measurements



Huge data capacity



Long battery working time



Easy to Use

As an user-friendly patient monitor, uMEC helps to simplify workflow and improve efficiency. The monitor provides very intuitive user interface to help faster and easier applications even for new users. Caregivers need less time for training, and get more time for patient care.

- 10.4 inch/12.1 inch high resolution LED screen with optional touch screen
- Supports various monitoring screen layouts for different clinical needs, including large font, full/half screen 7-lead monitoring, view other bed, etc.
- Default settings satisfy general clinical requirements, no need to adjust the settings before using and helps you get started quickly
- Statistics for heart rate changes and ambulatory blood pressure monitoring, making ups and downs visible
- Less than 3.5kg weight with battery makes it very portable
- Unique accessory cabinet makes accessories management effective
- One piece design makes cleaning easier



HR/BP Analysis



User-friendly Interfaces



Unique accessory cabinet



High Durability

To be effective in different environment, uMEC has passed strict electrical safety tests and reliability tests. It is extremely durable and has a long life span.

- Working temperature is 0~40°C, unaffected by extremes
- 0.75 m drop-protection and IPX1 water resistance
- Strong plastic housing resists aging and yellowing, with high corrosion resistance
- Low power consumption and fanless design makes it environmentally friendly and reduces the risk of cross contamination
- Mindray accessories are highly reliable with quality material and production technique



High-quality Accessories



Drop protection



Compatible with multiple cleaning agents