



The Philips IntelliVue MP50 patient monitors give care teams throughout the hospital more of the information they need right at the patient's side. The Philips MP50 provides essential measurements and powerful monitoring capability in a small package to match the unique needs and pace of intermediate care, ambulatory surgery, special procedures, post-operative care, lower acuity environments, and patient transfer. This Philips IntelliVue features a highly flexible screen configuration that is designed to suit patient department protocols, acuity, or specific procedure requirements.

The IntelliVue MP50 monitors are easy to operate and use on a networked platform via wired or wireless connections. Through Philips intuitive Multi-Measurement Server and extensions, the MP50 delivers the best-in-class clinical measurements including conventional diagnostic 12-lead ECG, capnography, non-invasive and invasive blood pressure, respiration, cardiac output, temperature, BIS, and FAST-SpO₂.

Features

- Intuitive user interface.
- Simple menu hierarchy gives fast access to all basic monitoring tasks.
- Patient data management with tabular and graphic trends.
- Ventilation, hemodynamic, and oxygenation calculations.
- Drug Calculator
- Settings "Profiles" for rapid case turnover.
- Patented automatic alarm limits help clinicians provide care more efficiently.
- Basic Event Surveillance for automatic detection of patient status deterioration.
- Neonatal Event Review keeps a record of rapidly changing condition of neonatal patients.
- User can freeze waves on the screen and measure parts of the wave using cursors.
- Bed-to-bed overview provides clinicians with an overview of all the patient beds in their care.
- User can silence alarms from remote beds.
- User can assign a monitor and a telemetry device to the same patient.
- The telemetry data can be displayed as a fixed monitor overview session on the monitor.



Specifications

Dimension

Height: 12.99" (33 cm)
Width: 14.37" (36.5 cm)
Depth: 8.54" (21.7 cm)
Weight: < 14.8 lbs (8.6 kg)

Display

Size (Diagonal): 12.1" (30.73 cm)
Resolution: 800 x 600
Refresh rate: 60 Hz
Useful Screen: 9.6" x 7.2" (24.6 x 18.4 cm)
Pixel Size: 0.3075 x 0.3075 mm

Power

Power Consumption: < 100W
Line Voltage: 100 to 240 V ~
Current: 1.6 to 0.7 A
Frequency: 50/60 Hz

Performance

Sweep Speed: 6.25, 12.5, 25, and 50 mm/s with $\pm 5\%$ accuracy
Trends: 12 or 16 numerics @ 12 sec, 1 minute, 5 minute resolution. Multiple choices of number of numerics, resolution, and duration depending on application area
Neonatal Event Review
Information: trigger condition and time, event classification and associated detailed view of episode data
Episode data: configurable, includes all current numerics, alarms and inops, and 4 minutes of high resolution trend
Capacity (max): 25 or 50 events for 8 or 24 hours
Buffered Memory
Contents: Active settings, trends, snapshots, events, review alarms
Hold Time: infinite if powered by AC; otherwise at least 48 hours (typical: >72 hours)

Battery

Type: High-power battery M4605A, 10.8 V 6000 mAh Lithium Ion
Weight: 490 g per battery
Status LEDs indicate charge status of batteries
Safety: complies with UL1642 (UL recognised)
Electromagnetic compatibility: complies with the requirements for FCC Type B computing Device, and EN 61000-4-2 and EN 61000-3
Communication Standard: complies with the SMBus specification v1.1
Battery Operating Time (New and fully loaded battery)
With basic monitoring configuration: 5 hours (brightness set to optimum, MMS connected, NBP measurement every 15 minutes)
With extended monitoring configuration: 4 hours (brightness set to optimum, MMS and MMS extension connected, NBP every 15 minutes, Recorder, Pressure, Temperature modules connected)
Battery Charge Time:
When monitor is switched off: 4 hours
When monitor is in use: 5 to 12 hours, depending on monitor configuration