UT4000A
Patient Monitor

- 7” color TFT display
- 2 Waveforms display
- Big number mode
- NIBP including manual, auto and STAT modes
- Applications from Neonate to Adult AC/DC operation
- Detachable battery
- Optional LAN networking capability to UT4800 Central Monitoring System
UT4000A

Patient Monitor

ECG
Lead type: Standard 3-Lead or 5-Lead selectable
Lead selection: I, II, III or I, II, III, aVR, aVL, aVF, V
HR measurement range: 15 – 300 bpm
Accuracy: ±5 bpm or ±1%, whichever is greater
Sweep speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Gain selection: X1/4, X1/2, X1, X2, X4, Auto
Pacemaker detection: Yes
Protection: Against electrosurgical interference and defibrillation

SpO₂
Philips SpO₂ Technology
Measurement range: 0 – 100%
Accuracy: 70% – 100%, depends on sensor
PR range: 30 bpm – 240 bpm
PR accuracy: ±2 bpm or ±2%, whichever is greater
Sweep speed: 12.5 mm/s, 25 mm/s, 50 mm/s

Non-Invasive Blood Pressure (NIBP)
Method: Automatic Oscillometric
Parameters: SYS/DIA/MAP/Pulse Rate
Operating modes: Manual/Auto/STAT
Auto measure time: 1-10, 15, 30, 60, 90, 120, 180, 240, 480 minute intervals
Units: mmHg/kPa
Cuff pressure range: Adult/Pediatric 0 – 300 mmHg
Measurement range: Neonate 0 – 150 mmHg
SYS: Adult/Pediatric 30 mmHg – 254 mmHg (4.0kPa – 33.9kPa)
Neonate 30 mmHg – 135 mmHg (4.0kPa – 18.0kPa)
DIA: Adult/Pediatric 10 mmHg – 220 mmHg (1.3kPa – 29.3kPa)
Neonate 10 mmHg – 110 mmHg (1.3kPa – 14.7kPa)
Accuracy: Max. Mean Error: ±5 mmHg (±0.7kPa)
Max. Std. Deviation: 8 mmHg (1.1kPa)
Over-pressure protection: Yes

Networking (Optional)
Type: Ethernet LAN Communication to UT4800 Central Monitoring System

Display
Type: Color TFT LCD
Size: 7" diagonal (15.41 cm x 8.66 cm)
Resolution: 480H x 234V pixels
Channels: 2 channels (ECG, SpO₂)

Power Supply
Battery: Detachable battery
AC power requirements: 100 – 240VAC, 50/60Hz

Weight & Dimensions
Net weight: Approx. 3kg
Dimensions: 190H x 200W x 130D mm

Safety Approval & Quality System
Safety standard: IEC60601-1
Quality system: ISO9001 & ISO13485 certified
CE marking according to MDD93/42/EEC

Parameters
ECG, SpO₂, NIBP, HR/PR

Data Review and Storage
600 sets NIBP/Trend Table
48-hour trend graph of all parameters
60-second full disclosure waveform review

Languages
Chinese, English, French, Italian, Polish, Russian, Turkish, Spanish, Portuguese, Czech

Specifications subject to change without notice.