**Technical Specifications:**

Brand: Philips

Model Name: PageWriter TC50

**ECG Function**

* Simultaneous 12 lead ECG acquisition
* Capable of up to 16 leads by just adding additional leads on the patient interface module
* Can perform up to 16 selected leads rhythm strip
* 10 independent events can be marked for later review and analysis
* With 20-minute full disclosure of up to 12-16 leads
* Up to 12 configured Exam Profiles can be specified
* Limb lead sensitivity of 5, 10, or 20 mm/mV; Precordial lead sensitivity of 2.5, 5, 10, or 20 mm/mV
* Sampling rate of 8,000 samples per second per lead wire
* With optional STEMI diagnostic aids (ST Maps, Critical Values, STEMI-CA) to support patient diagnosis
* ECG display is color coded to indicate lead signal quality
* With anatomical lead map that displays the location and label of loose or disconnected leads/electrodes
* Take ECG from a large touchscreen, keyboard, or patient interface module with a single touch of the green button
* Support pharma stress protocols (timed ECG)
* Full-screen preview of complete ECG report prior to printing
* Up to 20 lead reversal detection

**Physical features**

* 10.4” color touch screen display
* Intuitive 1-2-3 operation for fast, efficient workflow
* With buttons that light up to guide user
* Fully configurable patient ID fields
* With Trident lead system to reduce tangling and reversals for easier placement and quicker ECG
* On board “Help” for taking an ECG is available for main ECG functions
* Dimension: 3 31 x 40.5 x 20.5 cm (12 x 16 x 8 inches)
* Weight: <8.5 kg (19 lb)

**Printer**

* With full screen preview of ECG waveforms to ensure high quality prior to printing
* Printing speed: 25, 50 mm/sec
* Paper size: Z-fold letter and A4

**Battery**

* Removable 2-module lithium-ion battery
* Battery capacity: 30 ECGs on a single charge or 30 minutes of continuous rhythm recording

**ECG storage and Network Connectivity**

* Performs re-analysis when changing patient data before sending out the ECG report
* Local archive with maximum of 200 ECGs (PDF/XML file format)
* Transfer ECGs to USB memory stick (PDF/XML file format)
* Native-DICOM enabled connectivity with complete and bi-directional communication supports workflow efficiency and lowers the cost of ownership by eliminating 3rd party middleware
* Acquire/print/save/transfer/retrieve ECGs to and from a third party ECG management systems
* Supports LAN and WLAN network connection (802.11 b/g standards)

**Other specifications**

* Optional barcode reader
* Supports the following lead wire end connectors: alligator clips, wide tab, pediatric clips, welsh bulbs, or snap/tab adaptor