

HyperWatch-P software downloads the Protocol, for recording BP, into the HyperWatch unit from PC & downloads the recorded data from Hyperwatch unit into the PC over the USB port. Systolic, diastolic and pulse rate readings are plotted w.r.t to time.

Technical Specifications

1. Environmental

Operating Temp	: -5 °C to +50 °C
Operating & Storage Humidity	: 0 to 95 % non-condensing

2. Dimension and Weight

Enclosure Dimension	: 108 X 94X 45mm (HXWXD)
Weight	: Approx-360gm with battery

3. Power supply

Battery	: Duracell MN1500 or equivalent, Alkaline batteries of AA size
Back up time	: 24hrs

4. Performance

Display	: 800 x 600 pixels,
Language	: English
PC interface	: USB
Data Download rate	: USB @ 9600bps
Visual Indications	: Through LED for power on
Audio indications	: Beep Buzzer- Record start & end,download
Switch	: Slide switch- USB (download)/OFF/ ON (Rec)

5. Acquisition

Data acquisition	: Data is acquired as per user defined protocol
Printouts	: Printing of report with grid On/off facility, Print colour reports.

Detailed features

1. Minimum PC configuration

- a. **Operating system : Windows XP and onwards**
- b. **Intel Pentium 5, 2.4GHzs onwards.**
- c. **RAM: minimum 512 MB.**
- d. **USB : One free USB port to connect Hyperwatch P**
- e. **Resolution – 1024 X 768**
- f. **15" Monitor**

2. Acquisition

- ❖ Facility to set the time interval between two readings (5 min – 120 min)
- ❖ Facility to download the Systolic, Diastolic, Pulse rate and Time Interval readings into PC using USB port
- ❖ Facility to enter Patient Details - Patient name, age, ID, sex, height, weight, start time, start date of test, active start time, active end time, resting start time, resting end time, active systolic limit, active diastolic limit, resting systolic limit, resting diastolic limit, brief case history
- ❖ Maximum 448 readings can be recorded.
- ❖ Maximum test duration is 24 hours

3. Review

- ❖ Facility to select the patient or sort the list of tests from list
- ❖ Facility to show the trends of BP and Pulse rate
- ❖ Facility to show the measurement data recordings in tabular form for editing and display "*" next to the edited value in printout and on screen
- ❖ Facility to preview all reports to be printed
- ❖ Facility to select comments from list of standard comments
- ❖ Facility to edit standard comments
- ❖ Facility to delete test

4. Settings

- ❖ Hospital details
- ❖ Printing details configuration
- ❖ Create protocol
- ❖ Standard comments

5. Reports

- ❖ Facility to print summary report which contains test start and end time and measurement summary with patient details
- ❖ Facility to print tabular summary report for 24hrs with SYS, DIA, MAP, Pulse pressure and Pulse rate
- ❖ Facility to print trends report which contain time on X-axis and BP in mmHg on Y-axis

* Due to our continuous product development programme, the specification may change without prior notice.