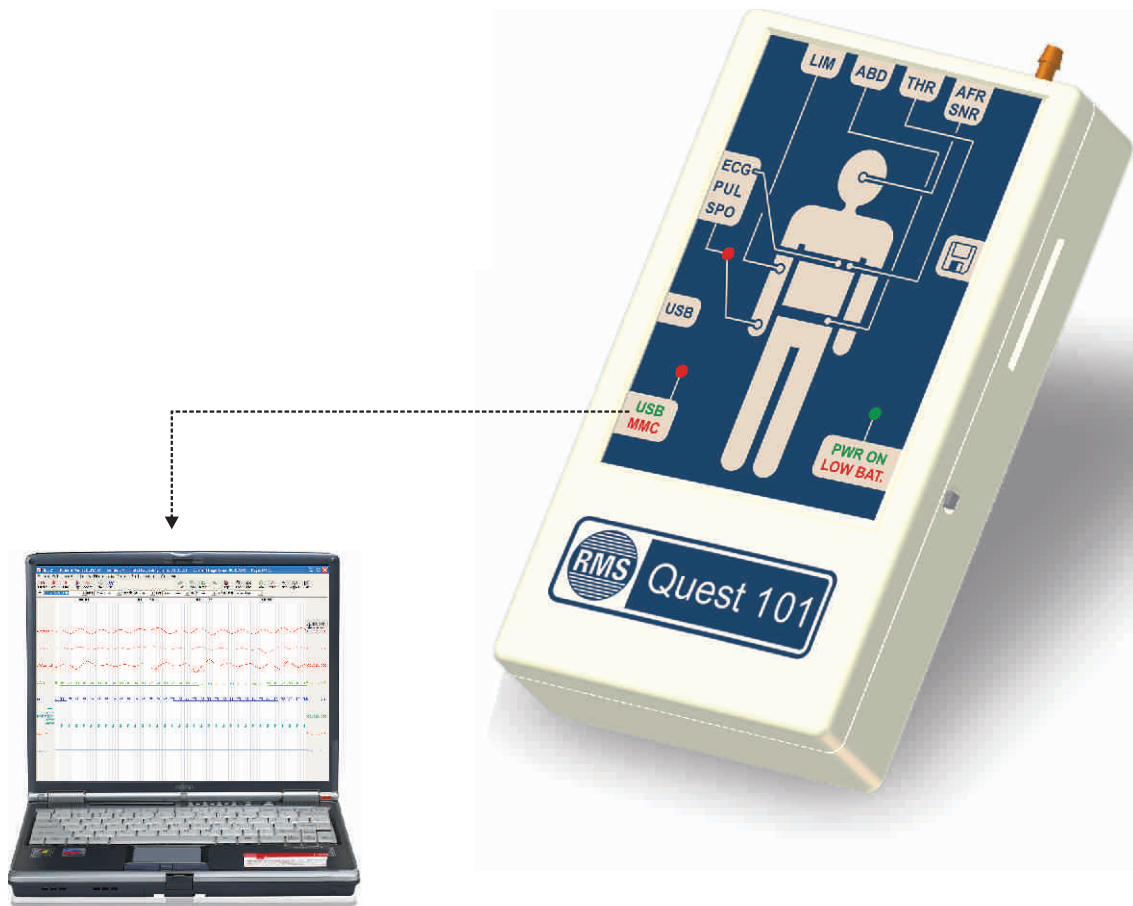




Quest 101

Ambulatory PSG is a small size light weight Machine which is used for the diagnosis of sleep disorder like Apnea, Hypoapnea and snoring etc.



CHANNELS

- NASAL AIRFLOW
- BODY POSITION
- CHEST EFFORT
- LIMB MOVEMENT
- ABDOMINAL EFFORT
- SPO2
- SNORING
- PULSE
- CPAP

SALIENT FEATURES

- It is light weight, Small size and portable equipment.
- It can be interfaced with computer via USB.
- Online And Offline facility of patient data recording.
- Automatic interpretation And Report generation by well established software.
- Automatic detection of Obstructive, Mixed , Central Apneas & Hypopneas
- Detailed reporting of Oximeter, Heart rates, Snoring etc.
- Oximetry Histogram
- Online Video Recording with PC
- CPAP
- Raw data storage
- Unlimited Continuous recording with PC
- 40 Hours Holter Recording on 2 AA cell.
- In built Body Position Sensor
- Easy to data transfer through Memory Card
- Adjustable channel width
- Event marking with comments
- User definable Montages
- On line/ Off line reformatting of filters (Hf, Lf) and sensitivity
- Selectable Epoch for careful data observation
- Facility to mark pages for printing in review
- Ultra fast automatic paging facility for efficient analysis
- Fast extensive search capabilities
- Screen freeze facility to study event carefully
- Effective data base management
- Archiving on any Media
- High resolution display
- Portable system
- Compact patient box
- LED indication for recording
- indication for SPO2

TECHNICAL SPECIFICATIONS

Number of Channels	: 9
A/D Conversion	: 16 bit ADC
Sampling Rate	: 256 Hz
Sensitivity	: 1 to 1500 μ v /mm & user definable.
Low pass filter	: 0.1, 0.3, 0.5, 1, 3, 5, 7 Hz & user definable.

High pass filter	: 0.1, 0.3, 0.5, 2, 10, 15, 35, 70, 99 Hz & user definable.
Notch filter	: 50/60 Hz
Input Impedance	: > 10 Mohm
CMRR	: > 100 db
Noise level	: < 0.3 μ v RMS

Since R&D is a continuous process features & specifications subject to change without notice.



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