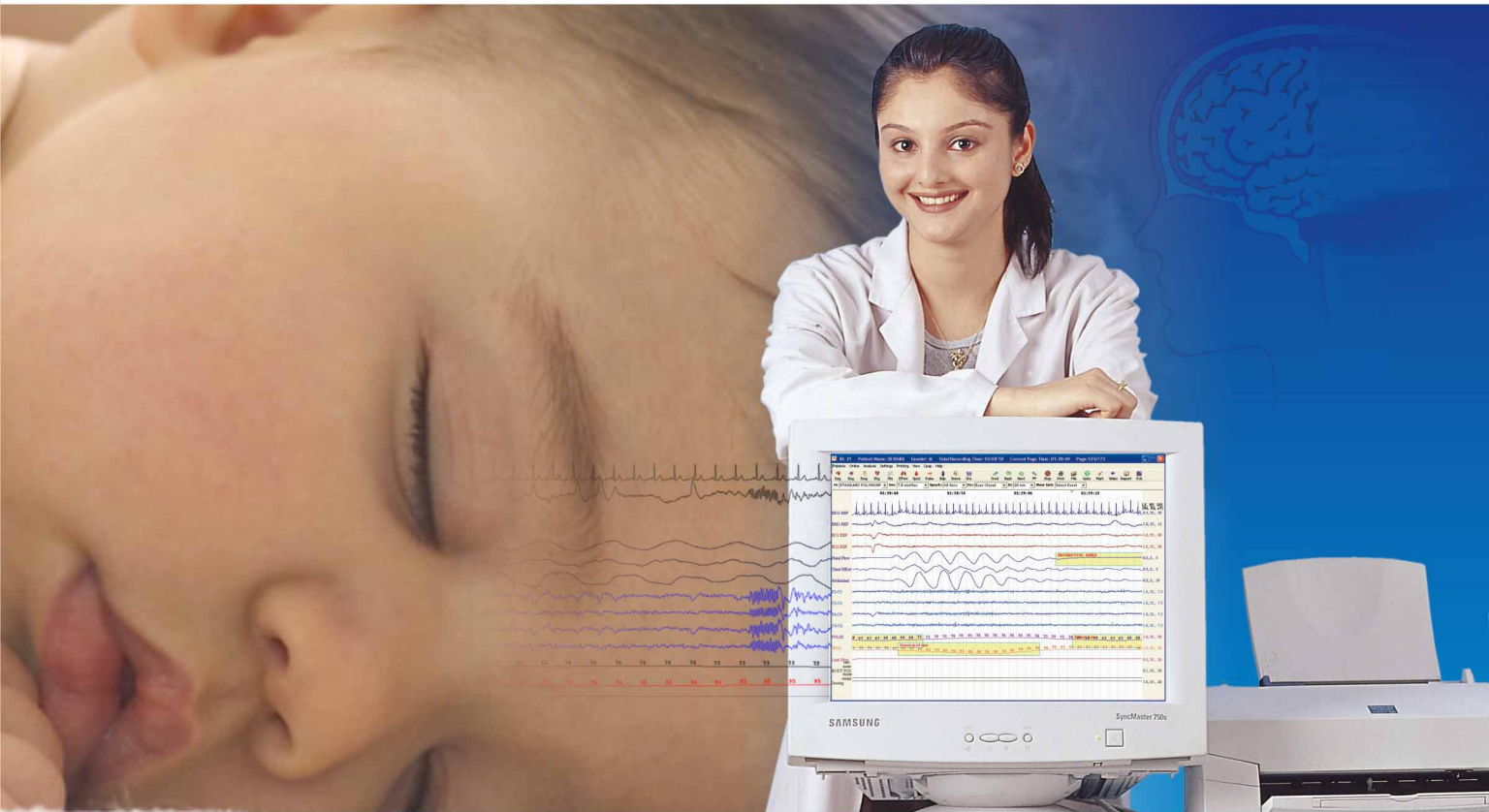




Sleep Study System
POLYSOMNOGRAPH
Windows Based



Pioneers in the field of Sleep Study introduce QUEST

RMS offers innovative solutions for the sleep laboratories

RMS QUEST 101 Ambulatory 10 Ch

Salient Features

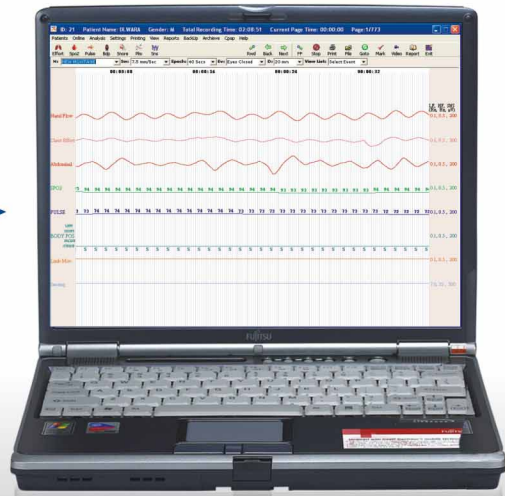
- It is light weight, small size and portable equipment.
 - Online & Offline facility of patient data recording.
 - 36 Hours Holter Recording on 2 AA cells.
 - Unlimited Continuous recording with PC.
 - It can be interfaced with computer via USB.
 - Easy to data transfer through Memory Card.
 - Automatic 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.
 - C-PAP.
 - Raw data storage.
 - In built Body Position Sensor.
 - Continuous video recording with PC.
 - 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.
 - Compact patient box.
 - LED indication for recording.
 - LED indication for SPO2.



Ambulatory PSG 16 Ch.



Ambulatory PSG 10 Ch.



These machines come loaded with variety of features.

RMS QUEST 32, 24, 16 Ch (Ambulatory)

Salient Features

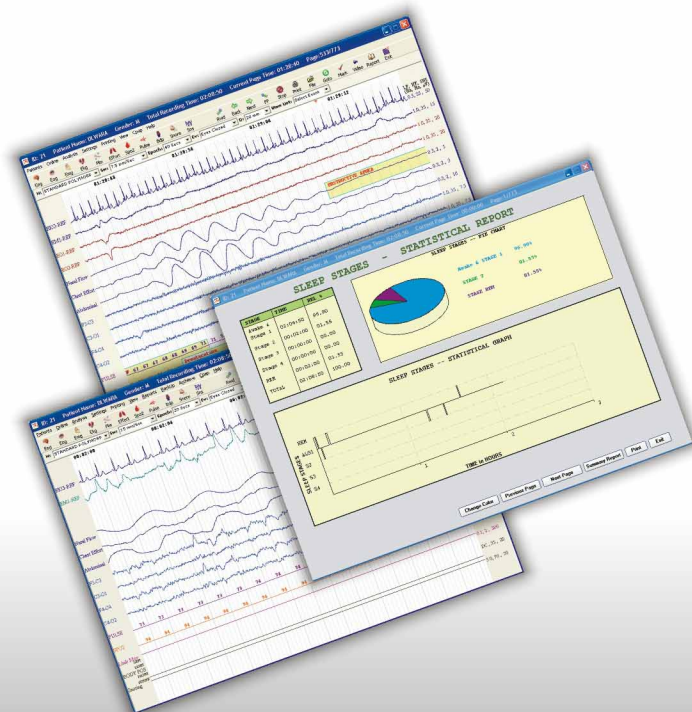
- Upto 32 channels of Acquisition.
- Raw data storage.
- Unlimited continuous recording.
- Adjustable channel width.
- Event marking with comments.
- User definable montages.
- On line / Off line reformatting of filters (Hf, Lf) and sensitivity.
- Selectable epoch for careful data observation.
- Facility 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 option available.
- Compact patient box.
- Make Autorun CD/DVD which can be played on any system with the software setup.



PSG 32, 24, 16 Ch (Ambulatory)

Auto Reporting

- Apneas & Hypopneas:
 - Obstructive
 - Mixed
 - Central
- Bifurcation of OSA, CSA, MSA, HYP in REM & NREM.
- Show Sleep Stages in Analysis.
- Automatic marking of K-Complexes, sleep spindles, REM.
- Spike & Seizure Detection.
- Detailed reporting of Oximeter, Heart rates, Snoring etc.
- Oximetry Histogram.
- Video Recording.
- Show CPAP Pressure Delivered to patient and during analysis.



RMS QUEST - WORLD CLASS SPECIFICATION

TECHNICAL SPECIFICATIONS

	PSG 16,24,32 Channels	Ambulatory PSG 10 Channels
A/D Conversion	: 16 bit ADC	16 bit ADC
Sampling Rate	: 1024 Hz	256 Hz
Sensitivity	: 1 to 1500 μ V/mm & user definable.	1 to 1500 μ V/mm & user definable.
Low pass filter	: 0.1, 0.3, 0.5, 1, 3, 5, 7 Hz & user definable.	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	0.1, 0.3, 0.5, 2, 10, 15, 35, 70, 99 Hz & user definable
Notch Filter	: 50/60 Hz	50/60 Hz
Input Impedence	: > 10 M Ohms	> 10 M Ohms
CMRR	: > 100 db	> 100 db
Noise level	: < 0.3 μ V RMS	< 0.3 μ V RMS

Please refer to our formal offer for exact computer configuration.

PARAMETERS

	Ambulatory 10	16	PSG 24	PSG 32		Ambulatory 10	16	PSG 24	PSG 32
● Oximeter					● Body Position	✓	✓	✓	✓
SaO ₂	✓	✓	✓	✓	● ECG	✓	✓	✓	✓
Tachogram	X	✓	✓	✓	● Pulse	✓	✓	✓	✓
Plethysmograph	✓	✓	✓	✓	● EMG	X	1	2	2
● Nasal Airflow	✓	✓	✓	✓	● Limb Movement	✓	1	1	1
● Chest Respiration	✓	✓	✓	✓	● EOG	X	2	2	2+0
● Abdominal Effort	✓	✓	✓	✓	● EEG	X	3	8	19+2
● Snoring	✓	✓	✓	✓	Optional add on: C-PAP, Bi-PAP, VIDEO				

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

Recorders & Medicare Systems (P) Ltd.

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Certifications: ISO 9001:2008, EN ISO 13485:2003