RMS Brain View Plus EEG
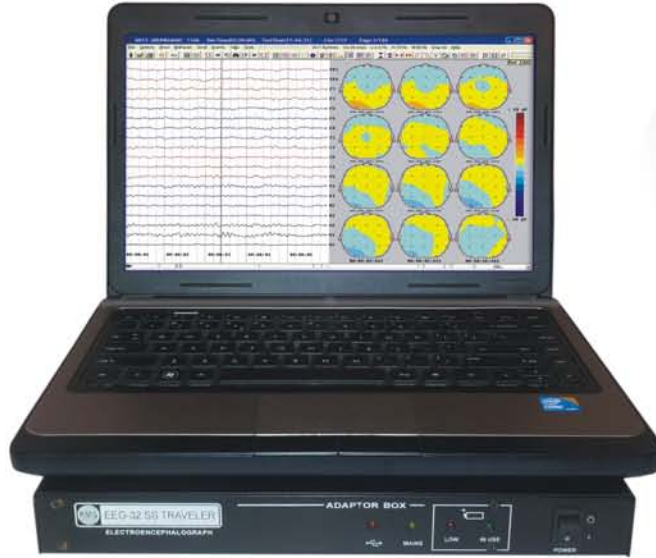## ELECTROENCEPHALOGRAPH

24 CHANNEL EEG

- Upto 24 channels data Acquisition (21 EEG channels, 3 Polygraphic)
- Simultaneous acquisition and analysis
- Event marking with review and printing options
- Automatic paging facility for quick review and analysis
- Montage pictorial can be displayed as well as printed
- User programmable acquisition and photic sequences protocols
- Online true AC Impedance check which displays numeric values of all electrodes
- LED based photic stimulator reduces acoustic electrical interference
- Unlimited online / offline montage and filter reformatting
- Advanced features in Brain mapping with multiple references
- Brain mapping color coding as per international standards
- EEG Synchronous digital video (optional)

$C\epsilon$

Brain View Plus Traveller

Additional Features

- Battery and Mains powered portable EEG
- Data transmission through high speed USB 2.0
- Artifact free recording in any environment
- Suitable for use in ICU, OT, Bedside recording or at Patient's Residence
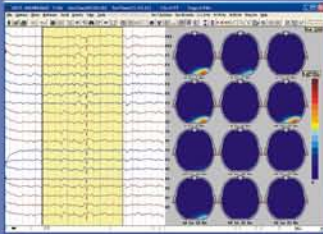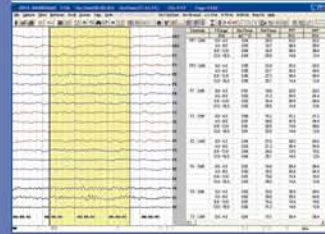
Head Box

Upgradable to
Video EEG

MPEG-4 video provides crystal clear video recording precisely synchronised with patient data
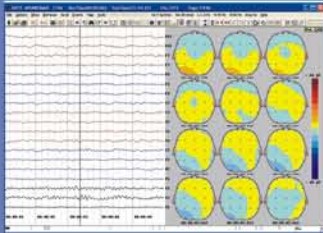
RMS Brain View Plus series

Frequency progressive mapping of all the channels. Standard time series of 12 maps. Display frequency map of any time point by moving the cursor
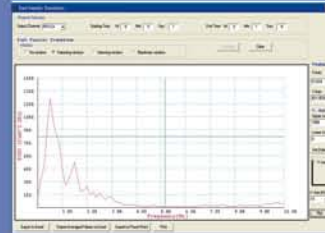
FREQUENCY MAP

Tabular analysis of different frequencies for all the channels

FREQUENCY TABULAR ANALYSIS
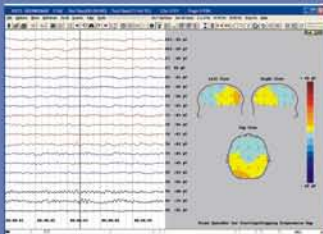
Amplitude progressive mapping of all the channels. Standard time series of 12 maps. Display voltage map of any time point by moving the cursor

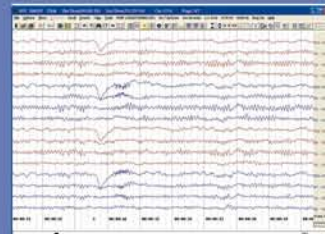**AMPLITUDE MAP**

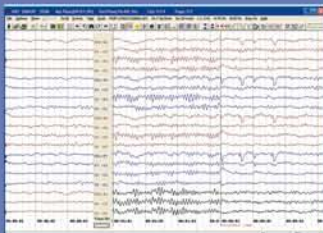Fast Fourier Transform gives information about the area of activity and over activity of the EEG

FFT

Three standard view of voltage mapping from different prospective (left view, right view & top view)

TRI MAP

Screen Freeze facility to study any event carefully during acquisition. Data keeps on going to hard disk

FREEZE

In analysis mode you can compare the data of same time or different times with individual selection of filters, sensitivity and montage etc.

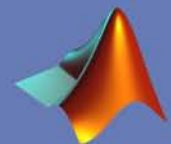**SPLIT SCREEN**

REPORT GENERATION / EXPORT DATA OPTIONS

EDF

PDF

MATLAB

WORK FLOW SOLUTIONS

E-MAIL

AUTO-RUN CD / DVD

NETWORK STORAGE

Online or Offline data transfer through Internet / Intranet

TECHNICAL SPECIFICATIONS

EEG

EEG input channels	21
EMG input channel	1 (bipolar)
EKG input channel	1 (bipolar)
DC/External transducer inputs	1
Total Inputs	24
Low Filters	0.1, 0.3, 0.5, 1, 3, 5 Hz and user selectable (0-7 Hz), single Pole
High Filters	15, 35, 70 and user selectable (10-99), single Pole
Notch	Off, 50/60 Hz

Muscle rejection	On/Off, 30 Hz double Pole
Sensitivity	1-1000 μV / mm and one user selectable value
A/D Conversion	14 bit in hardware
Sampling Rate	1024 Hz
Storage Rate	256 Hz
Resolution	0.153μV
Dynamic Range	10mV P-P
CMRR	> 100 dB (0.1-100 Hz)
Noise Level	< 0.3μV RMS
Input impedance	> 10 Mohm (0.1-100Hz)

Sensitivity/ LF/ HF/ Notch/ Muscle Rejection/ Montage implemented in software only for display/ printouts.

Brain View Plus 24

GENERAL

Connectivity to host PC	RS-232 / High Speed USB*
Export formats	PDF, MS Word, MS Excel
Safety	1.5 KV isolation

POWER SUPPLY

Line Power supply	∿ 220 - 240V, 50Hz ± 10%

EEG CART

Dimension	745 (H) x 765 (W) x 465 (D) in mm

Two tier, heavy duty cart made of pre-laminated 18 mm thick board with-

- Castors having locking arrangement

- One pull out shelf for computer keyboard

- Shelves for printer, PC tower and accessories

*optional

Brain View Plus Traveller

GENERAL

Connectivity to host PC	High speed USB / RS-232
Export formats	PDF, MS Word, MS Excel & EDF
Safety	1.5 KV isolation
Dimension	38(H) x 310(W) x 252(D) in mm
Weight	2.5 kg approx.

POWER SUPPLY

Line Power supply	∿ 220 - 240V, 50Hz ± 10%
Power Supply Operation	AC/DC with on / Off line Battery charging
Battery	⎓ 12V / 2.3AH (Lead Acid)
Battery backup	5 hrs.
Charging Time	2.5 hrs.

MINIMUM PC/LAPTOP CONFIGURATION

OS: Windows XP Pro/Windows7 Professional 32bit, Processor: Core2Duo or higher, RAM: 2GB or higher, 40 GB harddisk or higher, CD/DVD Optical Drive, Screen Resolution 1024x768 or higher

Standard Accessories

Disc Electrodes , EEG Paste, EEG Stand, Photic Flash

Options

Electrode Cap, CCD Camera (IR), Pan-Tilt & Zoom Camera, Laptop / Desktop

Remote Service Program

Online technical support is available from RMS Head office. Customer has to provide internet connection.

Represented by: