



## ADVANCE BIOFEEDBACK SYSTEM

### RELAXATION TRAINING

- Parameters:**
- ◆ EMG
  - ◆ EEG (Alpha)
  - ◆ Respiration
  - ◆ GSR
  - ◆ Temperature
  - ◆ Pulse
  - ◆ ECG & HRV (Optional)

- Continuous graphical display of all parameters Simultaneous and Singular
- Visual feedback through Digital Display and color bargraph
- Audio feedback through Head Phone or Speakers
- Facility to play Audio of your choice for relaxation
- Facility to play visual of your choice on the monitor screen for relaxation
- Storage of Patient data for review
- Plotting of graph depicting patient's progress for every parameter
- User definable event marker
- Facility for Video & Audio recording (optional)

# RELAX 701 - Technical Specifications

## RELAX 701

Number Of Channels	6
A/D Conversion	14-bit A/D
Sampling Rate	256 Hz
Sensitivity	1 to 1500 $\mu$ V/mm
Low Pass Filter	0.1, 0.3, 0.5, 1, 3, 5, 7 Hz
High Pass Filter	0.1, 0.3, 0.5, 2, 10, 15, 35, 70, 99 Hz.
Sweep Speed	15, 30, 60, 100 mm/sec
Notch Filter	50 Hz
Input Impedance	> 10 M ohm
CMRR	> 80-85 db
Power	220V AC/12V, 2.2AH
Battery Backup	Approx 3 Hrs.

## INPUTS

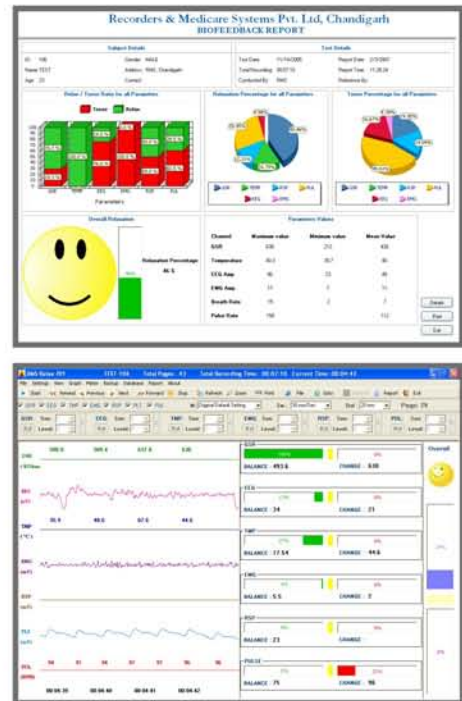
- EEG (Alpha) : Through silver - silver chloride electrodes.
- EMG : Through silver - silver chloride Electrodes
- GSR : Two silver - silver chloride Electrode.
- Pulse : Through infrared sensor.
- Respiration : Through chest belt.
- Temperature : Through surface temperature probe.

## MINIMUM COMPUTER CONFIGURATION

OS: Windows XP Pro/Windows7 Professional 32 bit, Processor: Core2Duo or higher, RAM: 2GB or higher, 40 GB harddisk or higher, CD/DVD Optical Drive, Screen Resolution 1024 x 768 or higher

## TRANSDUCERS & ACCESSORIES

Component	Quantity
Respiration Belt	1 no.
Pulse Transducer	1 no
Temperature Sensor	1 no.
GSR Electrode	1 set
EEG electrode	1 set
EMG disc electrodes	1 set
EEG paste	1 jar.
Fuse	2 nos.
Earthing cord	1 no.
User manual	1 no.
Conductive Jelly	1 Tube



## Remote Service Program

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

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

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