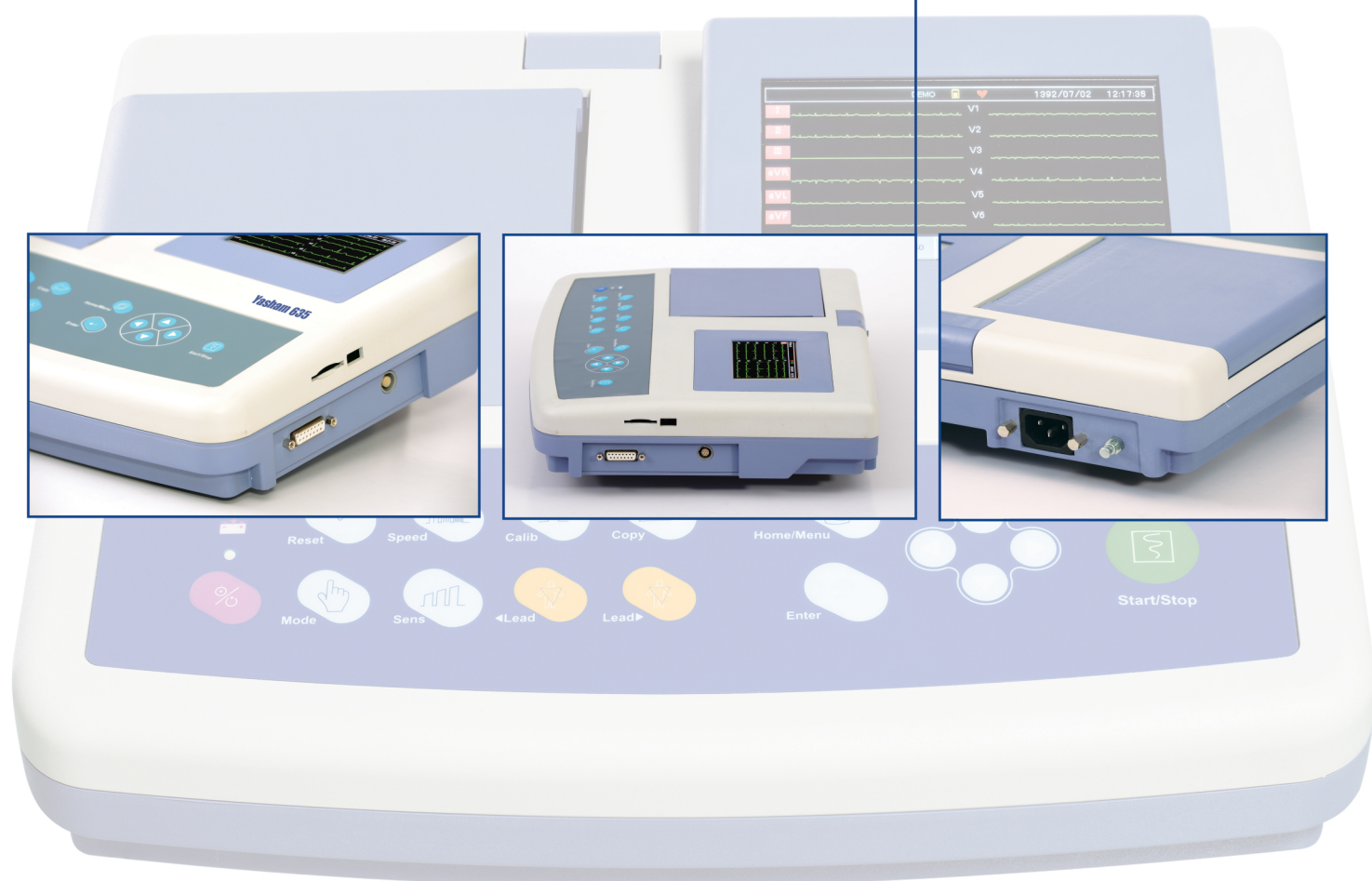


Yasham 635

6/3 Channel Electrocardiograph



Technical Data Yasham 635:

Technical Data for ECG:

Patient input circuit: Fully floating and isolated, defibrillation protected

Monitor display:

- 12-channel display or Rhythm
- Heart Rate
- 2.5,5,10,20 mm/mV or Automatic in Auto/Manual Mode
- Filter status (Notch, Low-pass, Drift and EMG)
- Insufficient electrode contact (Lead-off Detection)

Leads: 12 simultaneous Standard leads

Chart Printout speed: 6.25/12.5/25/50 mm/s

Sensitivities: 2.5/5/10/20 mm/mV, either automatically adjusted or manually selected

Automatic or Manual lead programs:

- 1/3/6-channel presentations of 12 Simultaneously or Real time recorded leads
- 1+long Lead/3+long Lead/Rhythm

Data record:

- Patient data (name, age, height, weight), User ID
- Listing of all ECG recording conditions (Date, Time, Filter)
- Measurement program: ECG measurement results (intervals, amplitudes, electrical axes) average complexes with measurement markings
- Calibration voltage: 1mV \pm 3%
- Basic ECG measurement over 12 leads and interpretation.

Recording track: 2/3/4/6-channel presentations optimal positioning on a width of 110 mm

Filter: Lowpass filter: 25, 35, 75 or 150Hz, Drift: baseline stabilizer, Notch: 50/60 Hz, EMG Filter

ECG amplifier:

- Simultaneous recording of all 9 active electrode signals (=12 leads)
- Sampling frequency: 1000 Hz
- Pacemaker Detection/Rejection: ± 2 - ± 700 mV /0.1ms-2ms

System:

Dimensions: 350*284*65mm, approx.2.0kg

Built-in monitor: 95*53 mm effective display area; 480*272 dots resolution

On-screen status indicators: power source, Battery status, time

Control panel and key board: User-friendly keys, LED indicator, Touchscreen

Power supply requirements: 90-240V, 50/60Hz; stand-alone operation with built-in rechargeable Li-ion battery, integrated power supply unit

Battery capacity: 10 hours of normal use

Power consumption: Max 30 VA

Frequency range of digital recording system: 0.05 - 150 Hz (IEC/AHA)

Chart paper: Thermo-sensitive, 110 mm wide

Printing process: High-resolution thermal head printer, Vertical resolution 8 dots/mm

Memory: Possibility to save up to 100 Resting ECG measurements internally

Environmental conditions:

- Temperature, operating: 10°C to 40°C
- Temperature, storage: -10°C to 50°C
- Relative humidity: 25 % to 95% (no condensaton)
- Pressure during operation: 700 to 1060 hpa

Standards:

Safety: IEC(EN) 60601-1; IEC(EN) 60601-1-2 (EMC)

Performance: ANSI/AAMI EC11

Protection class: I according to IEC 60601-1 (with internal power supply)

Applied Part: CF according to IEC 60601-1

Hardware options: Equipment trolley

