



- ✓ **Manufacturer: SZ Comen Medical**
- ✓ **Country of Origin: China**
- ✓ **Model: Comen H3 ECG**
- ✓ **Certification ISO , CE**

Technical Specification	Yes	No	Remarks
Configuration <ul style="list-style-type: none"> ? ECG 3 channels , model H3 -1 piece ? 1 x power cord ? 1 x set patient cable ? 6 x thoracic electrodes ? 4 x limb electrodes ? 1 x thermal paper ? 1 x set folded paper ? 1 x ground calble ? 2 x fuse ? 1 x english/russian manual ? Batery LiIon – 1 piece ? dedicated carrying bag – 1 piece 			
Technical Specification <ul style="list-style-type: none"> - In-built LCD screen, minimum 6 inchs , dimensions which allow facial visualization of those 12 ECG waves , minimum 3 ECG waves simultaneous . - Multiple linguistic support, minimum 2 (Romanian and Russian). - Preview of ECG waves, auto-diagnostic and the possibility of result printing. - To possess a software compatible with the PC. - The doctor has to be able to visualise the ECG wave sent from the ambulance on PC station from the stationary. - USB flash disk – for recording data and back-up; 	X X X X X X X		? Leaflet, User Manual ? Leaflet, User Manual ? Leaflet, User Manual ? Leaflet, User Manual ? Leaflet, User Manual ? Leaflet, User Manual ? Leaflet, User Manual

- Recording calibration system.	X		☐ Leaflet, User Manual
- Pacemaker detection and protection to the defibrillator shock.	X		☐ Leaflet, User Manual
- Functions for Auto Measure and Auto Diagnosis.	X		☐ Leaflet, User Manual
- Simultaneous acquisition on 12 channels, amplification and recording.	X		☐ Leaflet, User Manual
- Built-in thermal printer.	X		☐ Leaflet, User Manual
- ECG wave editing, gain, recording speed, patient information measurement report.	X		☐ Leaflet, User Manual
- AC and DC power supply, Lithium-Ion rechargeable in-built battery minimum 2 hours of continuous functioning on the battery charging mode, cables and connectors included.	X		☐ Leaflet, User Manual
- Internal memory for 300 waves ECG.	X		☐ Leaflet, User Manual
- 2G SD card in-built which allows the recording of over 10000 waves ECG.	X		☐ Leaflet, User Manual
- Available on line upgrade software.	X		☐ Leaflet, User Manual
- Automatic measurement and interpretation, automatic testing, verification of the acquisition channels.	X		☐ Leaflet, User Manual
- Automatic analyse and detection of 122 types of arrhythmias.	X		☐ Leaflet, User Manual
- Selectable working modes: manual/auto/ depending of the rhythm.	X		☐ Leaflet, User Manual
- Graph showing status connections and electrodes – indicates the connection error of cables or placing / detaching the measuring electrode.	X		☐ Leaflet, User Manual
- High precision digital filters;	X		☐ Leaflet, User Manual
- Network socket and Wi-Fi mode– allows sending online in real time of the ECG waves.	X		☐ Leaflet, User Manual
• ECG acquisition channels: Standard 3, 6, 12 channels,	X		☐ Leaflet, User Manual
• Accuracy $\pm 2\%$.	X		☐ Leaflet, User Manual
- Calibration Voltage - $1\text{mV} \pm 1\%$.	X		☐ Leaflet, User Manual
- Input Impedance $50\text{M}\Omega$.	X		☐ Leaflet, User Manual
- Circuit Input Current $< 50\text{nA}$.	X		☐ Leaflet, User Manual
- Stabilization of reference base – Automatic.	X		☐ Leaflet, User Manual
- External Input/Output:	X		☐ Leaflet, User Manual
• Input $\geq 100\text{K}\Omega$ sensitivity $10\text{mm/V} \pm 5\%$;	X		☐ Leaflet, User Manual
• Output: $\leq 100\Omega$, sensitivity $1\text{V/mV} \pm 5\%$;	X		☐ Leaflet, User Manual
- Recording speed: 25mm/s , 50mm/s	X		☐ Leaflet, User Manual
- Roll printer paper	X		
- Accessories: 1 x supply cable, 1 x patient cable, 6 x Reusable chest electrodes of pear type, 4 x Reusable extremity electrodes, clips type, minimum 5 x paper rolls, 1 x grounding cable, 2 x fuses.			
- PC connection cable.			

<ul style="list-style-type: none"> - AC and DC supply cable. - User guide in Romanian/Russian. 			
Technical Specification	Yes	No	Remarks
Certification:			
<input type="checkbox"/> ISO 9001 <input type="checkbox"/> ISO 13485 <input type="checkbox"/> CE <input type="checkbox"/> CE Declaration of Conformity 93/42/EEC	X X X X		<input type="checkbox"/> certificate attached <input type="checkbox"/> certificate attached <input type="checkbox"/> certificate attached <input type="checkbox"/> certificate attached
Other services included in offer			
<input type="checkbox"/> transport to the final customer <input type="checkbox"/> instalation and put in function <input type="checkbox"/> training for the technical staff for final customer <input type="checkbox"/> training for the medical staff for final customer <input type="checkbox"/> warranty for 24 months	X X X X X		<input type="checkbox"/> bidder declaration attached <input type="checkbox"/> bidder declaration attached <input type="checkbox"/> bidder declaration attached <input type="checkbox"/> bidder declaration attached <input type="checkbox"/> bidder declaration attached
GUARANTEE			
<input type="checkbox"/> 24 months guaranteed from signing the receiving minutes	X		<input type="checkbox"/> bidder declaration attached
SERVICE AND MAINTENANCE			
<input type="checkbox"/> the bidder has technical facilities necessary for the service both for ambulances as well as for medical equipment according to the general guarantee conditions and the user guide of the manufacturer <input type="checkbox"/> Maximum time for technical intervention – 48 hours. <input type="checkbox"/> Maximum time for remedial measures, in total 72 hours. <input type="checkbox"/> The technical service and current repair will be performed without waiting in a queue.	X X X X X		<input type="checkbox"/> bidder declaration attached <input type="checkbox"/> bidder declaration attached <input type="checkbox"/> bidder declaration attached <input type="checkbox"/> bidder declaration attached

<input type="checkbox"/> Temporary replacement of the equipment has to be ensured according to the periods mentioned above.	X		<input type="checkbox"/> bidder declaration attached
<input type="checkbox"/> During the guarantee period, at the reasonable request of the user, repair, adjustments and maintenance of medical equipment ,according to the specifications in the manufacturers' guides, will be done free of charge.	X		<input type="checkbox"/> bidder declaration attached
<input type="checkbox"/> The spare parts and workmanship are for free, except from the consumables for vehicles established by the manufacturer			
Technical Specification	Yes	No	Remarks
AVAILABILITY OF SPARE PARTS			
<input type="checkbox"/> the bidder will ensure the availability of spare parts, accessories and consumables for all offered positions on the market of the Republic of Moldova for at least 10 years from putting into operation, free of charge or against payment, as follows:	X		<input type="checkbox"/> bidder declaration attached
<input type="checkbox"/> spare parts free of charge, including the workmanship for the 36 months of guarantee period	X		<input type="checkbox"/> bidder declaration attached
<input type="checkbox"/> for the rest of the period – against payment for at least 10 years period is fulfilled.	X		<input type="checkbox"/> bidder declaration attached
<input type="checkbox"/> The bidder will submit the pricelist for the spare parts and the maintenance program to the Ministry of Health, Labour and Social Protection as beneficiary	X		<input type="checkbox"/> bidder declaration attached
GUIDES			
<input type="checkbox"/> Technical Guide and User Guide.	X		<input type="checkbox"/> bidder declaration attached
<input type="checkbox"/> All guides will be available in Romanian /Russian.	X		<input type="checkbox"/> bidder declaration attached