

# Experience the Trace Quality

THREE CHANNEL ECG RECORDER
CARDIART 6208 View Plus





### **Enhanced ECG diagnosis** made possible with superior trace quality

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#### Three Channel ECG Recording

Simultaneous 3 channel ECG recording with 12 lead simultaneous acquisition and Arrhythmia Detection in auto mode.

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#### Large LCD Display with Patient Data Entry feature Large Colour LCD Display enabling the preview of

ECG and preview of patient information entry.



#### **Internal Memory**

Internal memory which allows storage of up to 500 ECGs.



#### **Ergonomic Design**

The compact, light weight (only 2.5 kg) ensures device portability



#### **Power Line Safe Design**

Designed for safe use, both on power line as well as battery



#### **Built-in Rechargeable Battery**

*High performance Li-ion rechargeable battery* enables mains independent operations and provides battery use after charging



#### **Digital Filtering**

*Removes interference from power line, muscle* tremor, etc. with automatic base line correction



#### **Inbuilt PDF converter**

Facilitates transfer of ECGs from the device to USB in PDF format

#### Optional OPT

PC interface software - Smart View

## Product Specifications

CeneralOthersDisplay3.5 inch (320X240) Colour LCD screen300mm (L) x 260mm (H) x 85mm (D)Power Supply RangeAC 100V-115V/220V-240V, 50/60HzWeight< 2.5Kgs. 1nternal StoragePower Consumption35VAECGBattery TypeRechargeable Li-ion battery ande (with a fully charged battery 330 complete ECGsSimultaneously 12 Leads Sampling Frequency: 1000 HzBattery Capacity3 Hours in single channel mode (with a fully charged battery 330 complete ECGsSimultaneously 12 Leads Sampling Frequency: 1000 HzBattery Charging IndicatorYesC FilterO./ OffBattery Low IndicatorYesOr / OffDFT FilterBattery Low IndicatorYesC FilterO./ S2Hz / 0.5Hz / 0.25Hz / 0.52Hz / 0.5Hz / 0.25Hz / 0.52Hz / 0.5Hz / 0.5Hz / 0.25Hz / 0.52Hz / 0.5Hz / 0.5Hz / 0.25Hz / 0.52Hz / 0.5Hz / 0.5Hz / 0.5Hz / 0.5Hz / 0.5Hz / 0.5Hz / 0.5Hz /				
Power Supply Power Supply RangeAC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 100V-115W/220V-240V, S0/60HzWeight AC 2.5Kgs. Sampling Frequency: 1000 HzBattery TypeRechargeable Li-ion battery Battery Capacity3 Hours in single channel buttery 330 complete ECGs are possible in auto mode with three channel print format)Simultaneously 12 Leads Sampl/MV, 20mm/mV, 10/Smm/MV, AGCBattery Charging IndicatorYesAC Filter DFT FilterOn / Off Off DFT FilterBattery Low IndicationYesAC Filter DFT FilterOn / Dff O.5Hz / 0.5Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.67HzMains ProtectionFuse: T200mA 250VSignal Memory10 Seconds for each lead in auto modeOperating Temperature5° to 40° CSignal Memory10 Seconds for each lead in auto modeAtmospheric Pressure700 hPa to 1060hPaParameter CalculationParameter CalculationSafety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsParameter CMRR250MΩEMCCOMPLIES WITH IEC 660601-1-2,CMRR2115 dB		General		Others
Power Supply Range Power Supply RangeAC 100V-115V/220V-240V, S0/60HzInternal Storage500 ECGsPower Consumption35VAECG LeadsStandard 12 leads Sampling Frequency: 1000 HzBattery TypeRechargeable Li-ion battery ande (with a fully charged battery 330 complete ECGs are possible in auto mode with three channel print format)ECG AcquisitionSimultaneously 12 leads Sampling Frequency: 1000 HzBattery Capacity3 Hours in single channel mode (with a fully charged battery 330 complete ECGs are possible in auto mode with three channel print format)ECG AcquisitionSimultaneously 12 leads SensitivityBattery Charging IndicatorYesAC FilterOn / OffBattery Low IndicationYesDFT Filter0.05Hz / 0.15Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.67HzRecharging Time Approximately 5 Hours for 100% chargingEMG Filter25Hz / 35Hz / 45Hz / 0FFDoperating Temperature5° to 40° CSignal Memory10 Seconds for each lead in auto modeRelative Humidity15% to 95% non condensing Atmospheric PressureSon Pa to 1060hPaParameter CalculationSafety StandardCompliant to Class I type CF, EC-60601-1 and IEC/EN 60601-2-25 standardsTactile keypadEMCCOMPLIES WITH IEC 60601-1-2,CMRR2115 dB	Display		Dimension	
Power Supply RangeAC 100V-115V/220V-240V, 50/60HzInternal Storage500 ECGsPower Consumption35VAECG LeadsStandard 12 leads Sampling Frequency: 1000 HzBattery TypeRechargeable Li-ion batteryECG LeadsStandard 12 leads Sampling Frequency: 1000 HzBattery Capacity3 Hours in single channel mode (with a fully charged battery 350 complete ECGs are possible in auto mode with three channel print format)ECG AcquisitionSimultaneously 12 leads SensitivityBattery Charging IndicatorYesAC FilterOn / OffBattery Low IndicationYesAC FilterOn / OffRecharging Time Operating TemperatureApproximately 5 Hours for 100% chargingDifter25Hz / 35Hz / 45Hz / 0.5HzOperating Cereating5° to 40° CSignal Memory10 Seconds for each lead in auto modeAtmospheric Pressure Safety StandardSon Poto ColohPaManual - acquisition and printing in real time; Auto - simultaneous acquisition, RHYTHM MODE, R-R MODESafety Standard EnvironmentalCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsFrequency Response CMRR20.05 Hz to 150 Hz (-3dB) Tactile keypadEMCCOMPLIES WITH IEC 60601-1-2,CMRR≥115 dB	Power Supply		Weight	< 2.5Kgs.
50/60HzECGPower Consumption35VAECG LeadsStandard 12 leads Sampling Frequency: 1000 HzBattery TypeRechargeable Li-ion batteryECG AcquisitionSimultaneously 12 LeadsBattery Capacity3 Hours in single channel mode (with a fully charged battery 330 complete ECGs are possible in auto mode with three channel print format)ECG AcquisitionSimultaneously 12 LeadsBattery Charging IndicatorYesComplete ECGs are possible in auto mode with three channel print format)Con / OffBattery Low IndicationYesAC FilterOn / OffBattery Low IndicationYesEMG Filter2.5Hz / 0.5Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.5Hz / 0.5Hz / 0.32Hz / 0.5Hz / 0.5Hz / 0.5Hz / 0.32Hz / 0.5Hz / 0.5Hz / 0.5Hz / 0.32Hz / 0.5Hz / 0.32Hz / 0.5Hz / 0.32Hz / 0.5Hz / 0.5Hz / 0.32Hz / 0.5Hz / 0.5EMains ProtectionFuse: T200mA 250VSignal Memory signal Memory10 Seconds for each lead in auto modeOperating Temperature5° to 40° CParameter CalculationSignal Memory signal Memory10 Seconds for each lead in auto modeAtmospheric Pressure Of DPa to 1060hPa15% to 95% non condensing CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsMan			Internal Storage	500 ECGs
Battery TypeRechargeable Li-ion batterySampling Frequency: 1000 HzBattery Capacity3 Hours in single channel mode (with a fully charged battery 330 complete ECGs are possible in auto mode with three channel print format)ECG AcquisitionSimultaneously 12 LeadsBattery Charging IndicatorYesECG AcquisitionSensitivity2.5mm/mV, 5mm/mV, 10mm/ mV, 20mm/mV, 10/5mm/mV, AGCBattery Low IndicationYesDFT FilterOn / OffBattery Low IndicationYesDFT Filter0.05Hz / 0.15Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.67HzRecharging Time Mains ProtectionApproximately 5 Hours for 100% charging S* to 40° CDFT Filter150Hz / 100Hz / 75HzPerating Temperature Relative Humidity5* to 40° CSignal Memory10 Seconds for each lead in auto modeAtmospheric Pressure Safety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsMaraTactile keypadEMCCOMPLIES WITH IEC 60601-1-2,CMRR215 dB				ECG
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Battery Capacity3 Hours in single channel mode (with a fully charged battery 330 complete ECGs are possible in auto mode with three channel print format)Sensitivity2.5mm/mV, 5mm/mV, 10mm/ mV, 20mm/mV, 10/5mm/mV, AGCBattery Charging IndicatorYesAC FilterOn / OffBattery Low IndicationYesAC Filter0.05Hz / 0.15Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.67HzBattery Low IndicationYesComposition for 100% chargingAC Filter0.05Hz / 0.15Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.67HzMains ProtectionFuse: T200mA 250VEMG Filter25Hz / 35Hz / 45Hz / OFFDoperating Temperature5° to 40° CSignal Memory10 Seconds for each lead in auto modeRelative Humidity15% to 95% non condensingManual - acquisition and printing in real time; Auto - simultaneous acquisition, RHYTHM MODE, R-R MODEAtmospheric Pressure700 hPa to 1060hPaKeyboardTactile keypadSafety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsFrequency Response Time Constant0.05 Hz to 150 Hz (-3dB) Time ConstantEMCCOMPLIES WITH IEC 60601-1-2,CMRR≥115 dB	5 51		ECG Acquisition	1 0 1 5
three channel print format)FiltersBattery Charging IndicatorYesAC FilterOn / OffBattery Low IndicationYesDFT Filter0.05Hz / 0.15Hz / 0.25Hz / 0.32Hz / 0.5Hz / 0.5Hz / 0.5HzRecharging TimeApproximately 5 Hours for 100% chargingEMG Filter25Hz / 35Hz / 45Hz / OFFRecharging TimeApproximately 5 Hours for 100% chargingLOWPASS Filter150Hz / 100Hz / 75HzMains ProtectionFuse: T200mA 250VSignal Memory0 Seconds for each lead in auto modeOperating Temperature5° to 40° COperating ModesManual - acquisition and printing in real time; Auto - simultaneous acquisition, RHYTHM MODE, R-R MODEAtmospheric Pressure700 hPa to 1060hPaKeyboardTactile keypadSafety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 6061-2-25 standardsKeyboardTactile keypadEMCCOMPLIES WITH IEC 60601-12,CMRR≥115 dB	Battery Capacity	mode (with a fully charged battery 330 complete ECGs		2.5mm/mV, 5mm/mV, 10mm/ mV, 20mm/mV, 10/5mm/mV,
Deficition <td></td> <td>three channel print format)</td> <td></td> <td>Filters</td>		three channel print format)		Filters
Battery Low IndicationYesOriginal Point of Star (0.57Hz)Battery Low IndicationApproximately 5 Hours for 100% charging0.32Hz / 0.5Hz / 0.67HzRecharging TimeApproximately 5 Hours for 	Battery Charging	Yes	AC Filter	On / Off
Recharging TimeApproximately 5 Hours for 100% chargingLOW PASS Filter25h2 / 35h2 / 45h2 / 011Mains ProtectionFuse: T200mA 250VLOWPASS Filter150Hz / 100Hz / 75HzCoperating Temperature5° to 40° CSignal Memory10 Seconds for each lead in auto modeRelative Humidity15% to 95% non condensingManual - acquisition and printing in real time; Auto - simultaneous acquisition, RHYTHM MODE, R-R MODEAtmospheric Pressure700 hPa to 1060hPaParameter CalculationYes, in auto mode (selectable)Safety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsKeyboardTactile keypadEMCCOMPLIES WITH IEC 60601-1-2,CMRR≥3.2 sec		Yes	DFT Filter	
100% chargingInterfaceMains ProtectionFuse: T200mA 250VSignal Memory10 Seconds for each lead in auto modeEnvironmentalOperating 5° to 40° COperating ModesManual - acquisition and printing in real time; Auto - simultaneous acquisition, RHYTHM MODE, R-R MODERelative Humidity15% to 95% non condensingParameter CalculationParameter CalculationAtmospheric Pressure700 hPa to 1060hPaKeyboardTactile keypadSafety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsKeyboardTactile keypadEMCCOMPLIES WITH IEC 60601-1-2,CMRR≥115 dB	Indication		EMG Filter	25Hz / 35Hz / 45Hz / OFF
Main's ProtectionPuse: 1200mA 250Vauto modeEnvironmentalOperating 5° to 40° CManual - acquisition and printing in real time; Auto - simultaneous acquisition, RHYTHM MODE, R-R MODEOperative Humidity15% to 95% non condensingParameter CalculationYes, in auto mode (selectable)Atmospheric Pressure700 hPa to 1060hPaKeyboardTactile keypadSafety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsKeyboardTactile keypadEMCCOMPLIES WITH IEC 60601-1-2,CMRR≥115 dB	Recharging Time			
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Atmospheric Pressure700 hPa to 1060hPaCalculationStandardsKeyboardTactile keypadSafety StandardCompliant to Class I type CF, IEC-60601-1 and IEC/EN 60601-2-25 standardsFrequency Response0.05 Hz to 150 Hz (-3dB)EMCCOMPLIES WITH IEC 60601-1-2,CMRR≥115 dB	Relative Humidity	15% to 95% non condensing	Parameter	
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60601-2-25 standardsTime Constant≥3.2 secEMCCOMPLIES WITH IEC 60601-1-2,CMRR≥115 dB	Safety Standard	CF, IEC-60601-1 and IEC/EN	Input Impedance	≥50MΩ
EMC COMPLIES WITH IEC 60601-1-2, CMRR ≥115 dB			Frequency Response	0.05 Hz to 150 Hz (-3dB)
EMC COMPLIES WITH IEC 60601-1-2,			Time Constant	≥3.2 sec
	EMC	COMPLIES WITH JEC 60601-1-2	CMRR	≥115 dB
		-	DF Protection	Internal

## Product Specifications ———

	Printer	Stand	ard Accessories
Recorder", 72mm eff print width	1	Patient Cable	1 No.
		Limb Electrodes	4 Nos.
		Chest Electrodes	6 Nos.
	Rolled Thermal Paper with Grid, 80mm X 20m	Paper Roll	1 No.
Paper Record Speed	5mm/sec, 6.25mm.sec, 10mm/ sec, 12.5mm/sec, 25mm/sec, 50mm/sec (±3%)	Power Cord	1 No.
		Gel Bottle	1 No.
		User Manual	1 No.

\*Technical specification subject to change



#### ISO 13485:2016 CERTIFIED COMPANY ISO 9001:2015 CERTIFIED COMPANY

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THE ECONOMIC TIMES





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