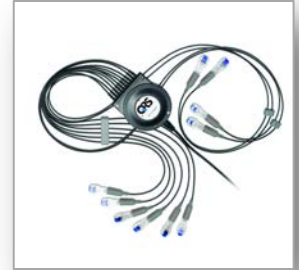


Universal ECG™ Specifications

Hub Weight	250-335 grams (depending on cables)
Hub Dimensions	85 mm x 91 mm x 20 mm
Patient Leads Length	Limb Leads: 1 meter Chest Leads: 0.6 meter
PC Connection Length	1.8 meters USB A type Connector (USB version)
Patient Leads	12-Lead Cable (10 Patient Leads)
Case Material	ABS Plastic
Electrode Connection	4 mm Banana plug with “snap” or “tab” connectors
Display & Operating Console	Dependent on PC (Supplied by user)
Gain Sensitivity	5, 10, 20 mm/mV
Speed	12.5, 25 and 50 mm/s
Input Range	±6 mV
Acquisition Sample Rate	1000 samples/sec. (Compressed to 500 Hz with peak picking and averaging algorithm)
Heart Rate Range	20 – 170 bpm
Frequency Response	0.05 – 175 Hz ±3dB
Defibrillation Protection	Patient leads are isolated from system and operator, with 4kV protection
Common Mode Rejection	-60dB (minimum)
Safety Standards	Complies with AAMI EC11, EN60601-1, EN60601-2, EN60601-2-25
Leads Off Indicators	Connection status for each lead is shown on Acquisition screen
Power Source	PC, powered from USB interface
Supply Voltage	4-16 V DC
Supply Current	< 17 mA DC
Permanent Filters	High Pass: 0.05 Hz 1 st order; Low Pass: 170 Hz 1 st order Baseline Wander: Baseline reset by adaptive zeroing algorithm
Notch filter (Mains noise Rejection)	50 Hz 4 th order Butterworth, 49.1 Hz – 50.9 Hz, 60 Hz 4 th order Butterworth, 59.1 Hz – 60.9 Hz
Low Pass (Muscle Artifact Filter)	35 Hz 4 th order
Report Capabilities	User Selectable Report Formats: (1) 3x4 Simultaneous; (2) 3x4 Sequential; (3) 6x2 ECG; (4) 6x1 ECG; (5) Averaged Complexes ECG; (6) ECG Measurements Report; (7) Avg. Zoom Report; (8) Zoom Report
Interpretation	Rhythm, Morphology
Environmental Conditions	Operating Temperature: 0-40°C Storage Conditions: -20-70°C Humidity: 85% Max. (non-condensing)



Technology in Practice™

6901 E. Fish Lake Road, Suite 188, Maple Grove, MN 55369
+1.800.465.8408 | +1.763.559.8492 | fax +1.763.559.2961
info@QRSdiagnostic.com | www.QRSdiagnostic.com



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