

# Midmark IQecg<sup>®</sup>

## TECHNICAL SPECIFICATIONS

Patient Connection	
10-lead patient cable with RFI filter, defibrillator protection, patient isolation, lead wire management solution and locking clip	
Safety Parameters	
Patient leakage current not to exceed 10 µA	
Ground leakage current not to exceed 50 µA	
Patient electrically isolated from mains power supply	
Physical Characteristics IQecg Acquisition Module	
Weight	10.2 oz
Dimensions	3.5 in (88 mm) x 5.7 in (145 mm) x 1.2 in (30 mm) (W x L x H)
Power	USB port
ECG Acquisition	
Impedance	> 2.5 MΩ
Frequency Response	0.05-150 Hz
Filters	AC, drift, muscle
Sensitivity	5, 10, 20 mm/mV
Dynamic Range	± 5 mV
ADC Resolution	2.42 µV/LSB
Electrode Offset	± 300 mV
Acquisition	500 samples/sec
Channel to Channel Skew	= 65 µs
Pacemaker Detection	per IEC 60601-2-25
Interpretation Algorithm	
Midmark ECG Analysis Program	The duration measurement of Q-wave, R-wave or S-wave does not include the iso-electric segments within the global QRS complex.

For IQecg devices with serial numbers beginning with "L" to be IEC 60601-2-25 compliant, they must have software plug-in v10.0.10.9 or above.