



Wireless Electrode EMG

motion artifact suppression

(Patent Pending)



Direct Transmission System (DTS) technology, for surface EMG and other biomechanical sensors, utilizes the most advanced technology to wirelessly transmit data in real time or record

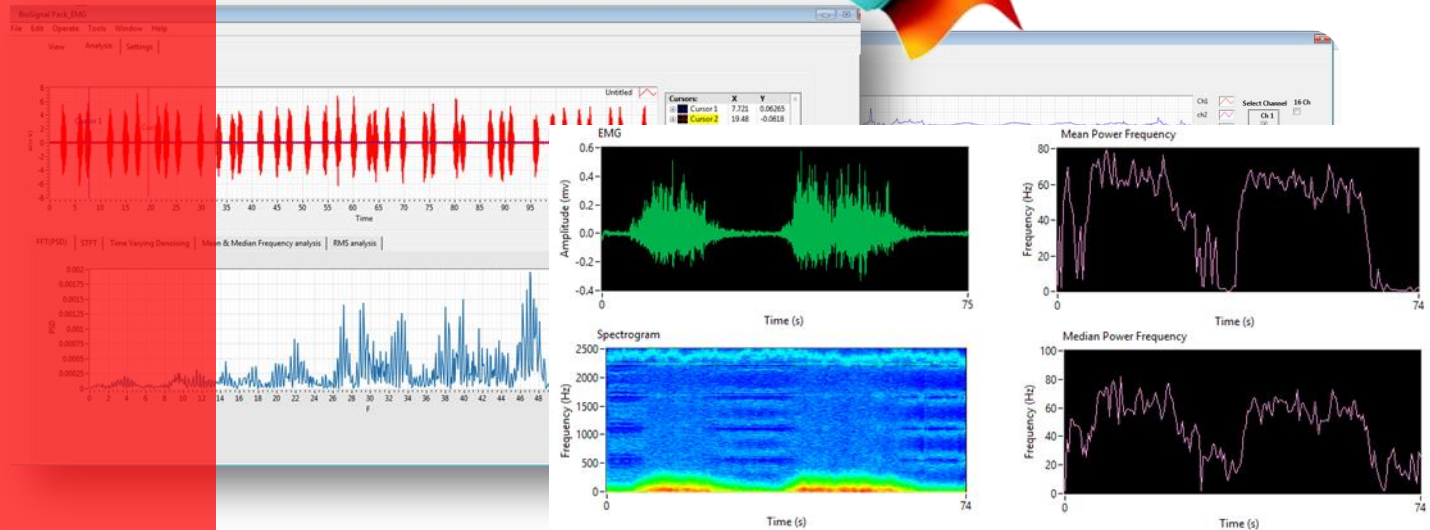
مشخصه						تعداد	نوع	زیر بخش	نام دستگاه
CMRR	Input range	Input impedance	Sampling Rate	A/D	Frequency band	کانال	تحریک		
-110db	5000µV p-p	> 200 M Ohm	500 SPS/channels	Simultaneous 16 bit	0.01 - 120Hz	16	--	ثبت فعالیت الکتریکی عضله	Wireless Electrode EMG
						Software based		قابلیت سنکرون شدن با تجهیزات جانبی	

BayaMed
Technologists

Wireless Electrode

EMG

Software Spec



no	Software	Processing & Feature Extraction
۱	EEG Analysis Software	EMG Power Spectrum Analysis, Histogram Analysis, Median and Mean Frequency Analysis, Integrated (RMS) EMG, Locate Muscle Activation
۲	Filters	<ul style="list-style-type: none"> Analog low pass filter& Digital filter including selectable Low pass, high pass, notch
۳	MTLAB Support	<ul style="list-style-type: none"> MATLAB DLLs,SDKs
۴	Connection& power	<ul style="list-style-type: none"> USB, Battery Enabled
۵	Minimum System Requirment	<ul style="list-style-type: none"> Pentium IV, ۵۱۲ MB DDR RAM, ۱۶۰ GB HDD, CD/DVD RW, ۱۷-۲۵" LCD TFT Display, Key Board, Mouse and UPS