

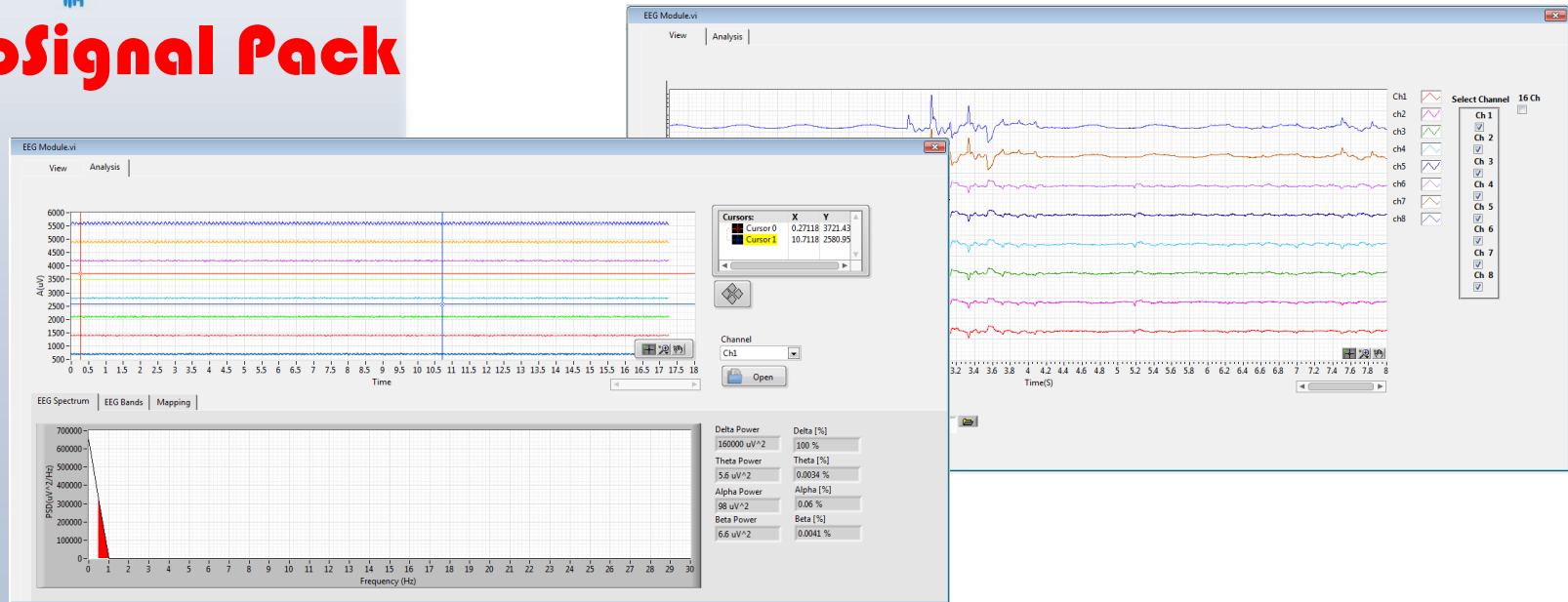
BioSignal Pack



مشخصه فنی						تعداد کانال	تحریک	زیر بخش	نام واحد	
SNR	Input range	Input impedance	Sampling Rate	A/D	Frequency band					
120db	5000 μ V p-p	> 200 MOhm	4096Hz /channel	16bit-24bit	0, 1 – 2k Hz	۶۴	--	EEG	الکتروانسفالوگرام	سیستم تشخیصی
120db	5000 μ V p-p	> 200 MOhm	4096Hz /channel	16bit-24bit	0,1 - 2k Hz	۲	R&O	VEP	پتانسیل برانگیخته بینایی	اعصاب
120db	5000 μ V p-p	> 200 MOhm	4096Hz /channel	16bit-24bit	0,1 - 2k Hz	۲	A&E	AEP	پتانسیل برانگیخته شنوایی	Neurodiagnostic system
120db	5000 μ V p-p	> 200 MOhm	4096Hz /channel	16bit-24bit	0,1 - 2k Hz	۲	M&E	SEP	پتانسیل برانگیخته حسی	
120db	5000 μ V p-p	> 200 MOhm	4096Hz /channel	16bit-24bit	0,1 - 2k Hz	۴		EOG	الکترواوکلوگراف	



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no	Software	Processing & Feature Extraction
1	EEG Analysis Software	<ul style="list-style-type: none"> Amplitude Histogram, Cross- and Auto-correlation, EEG Frequency Bands, Episode Counting, Brain Mapping, Evoked Responses, Spectral Analysis, Stimulus Presentation Event Marking, Cognitive State Analysis, EEG Remove EOG Noise, Approximate Entropy
2	EOG Analysis Software	<ul style="list-style-type: none"> Eye Travel and Position, Saccadic Eye Movements, Nystagmus Investigation, Visual Evoked Response (VER), Visual Attention Analysis, Vestibular
4	VEP Analysis Software	<ul style="list-style-type: none"> Automatic Visual Evoked potential Analysis, Latency values, Min-Max Analysis, User Defined Analysis, Time Varying Denoising, STFT Analysis, PSD Analysis
5	SEP Analysis Software	<ul style="list-style-type: none"> SomatoSensory Evoked potential Analysis, Latency values, Min-Max Analysis, User Cursor Analysis, Wavelet Analysis, STFT Analysis
6	AEP Analysis Software	<ul style="list-style-type: none"> Auditory Brainstem Response (ABR) & JEWETT Sequence, Latency values Analysis, Min-Max Analysis, Spectrum Analysis
7	Stimulator Generator Software	<ul style="list-style-type: none"> Paired Stimulate, Action Potential, Sine-Square Stimulate, Mono & BiPahsic, TENS, Spike, User Defined Wave Generator