



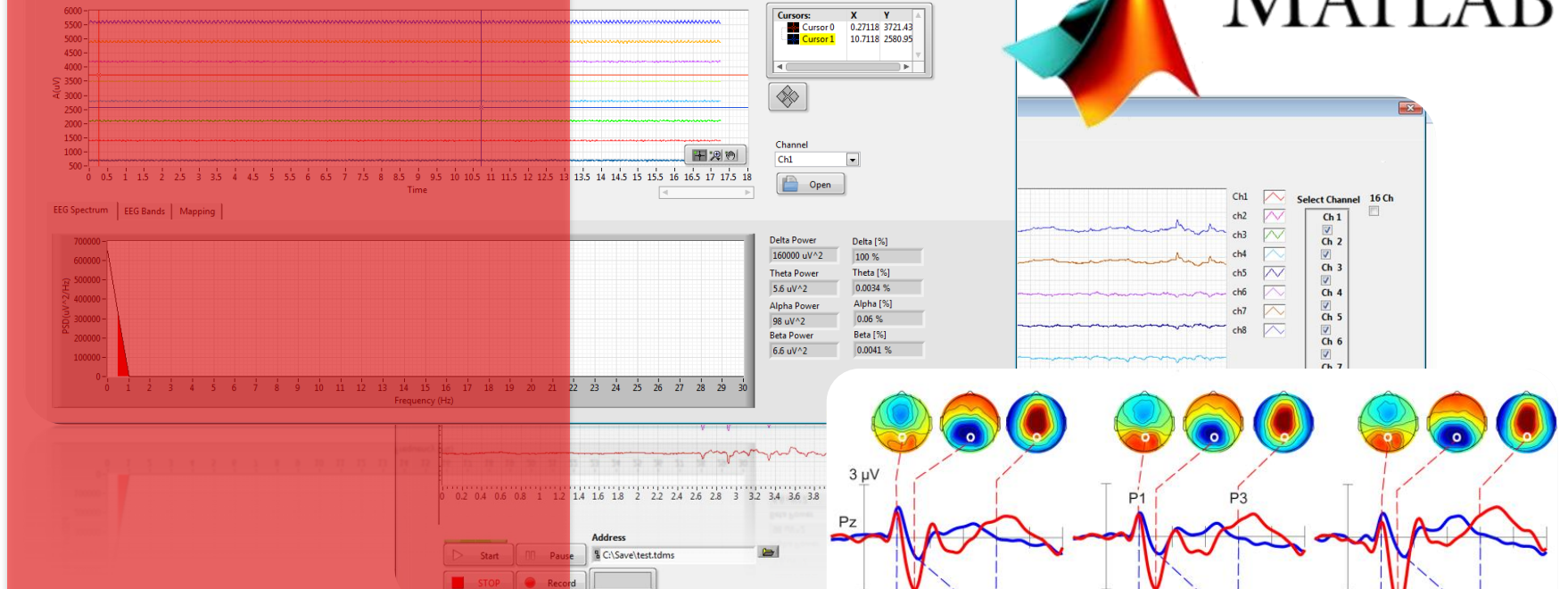
Cognitive research EEG

Hardware Spec



		مشخصه				تعداد	نوع	زیر بخش	نام دستگاه
CMRR	Input range	Input impedance	Sampling Rate	A/D	Frequency band	کانال	تحریک		
-110db	5000 μV p-p	> 200 M Ohm	500 SPS/channels	Simultaneous 24 bit	0.1 - 250 Hz	22	--	ثبت فعالیت الکتریکی مغز	Wireless EEG

Analysis Software



no	Software	Processing & Feature Extraction
١	EEG Analysis Software	<ul style="list-style-type: none"> Amplitude Histogram, Cross- and Auto-correlation, EEG Frequency Bands, Evoked Responses, Spectral Analysis, Stimulus Presentation Event Marking,
٢	Filters	<ul style="list-style-type: none"> Analog low pass filter & Digital filter including selectable Low pass, high pass, notch
٤	MATLAB Support	<ul style="list-style-type: none"> MATLAB DLLs, SDKs
٥	Connection & power	<ul style="list-style-type: none"> USB, Battery Enabled
٦	Minimum System Requirement	<ul style="list-style-type: none"> Pentium IV, ٥١٢ MB DDR RAM, ١٦٠ GB HDD, CD/DVD RW, ١٧-٢٥" LCD TFT Display, Key Board, Mouse and UPS