

EMGPlus Protocol



Spontaneous EMG Protocol

- Buffer Storage (Unlimited number of buffers)
- Snapshot
- Customisable Muscle Scoring table
- Quick access Muscle Selection
- Rise time Graph & Intensity Bar for Signal Quality
- Two Quick Access Customisable Screen Views
- Exporting of data via ASCII or Video recording



Volitional EMG Protocol

- Same features as detailed in Spontaneous Protocol
- Auto levelling Triggers (Negative/Positive)
- Single / Dual Trigger
- Motor Unit Analysis
- Customisable Onscreen Measurements
- Analysed MUP Overview Window

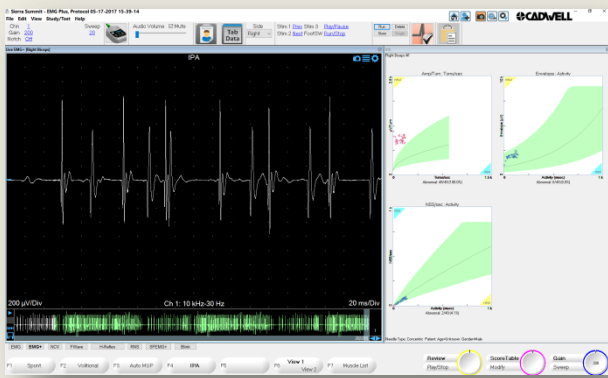


AutoMUP EMG Protocol

- Same features as detailed in Volitional Protocol
- Automatic detection of Motor Units
- Colour coded motor unit identification
- Quick add/measure motor units manually if required
- Firing Pattern
- Ability to reanalyse all data in a single click

Results Table											
Total MUPs: 4 Polyphasic: 0 (0.0%)											
	MUP			All MUPs				Non-Polyphasic			
	Mean	SD	Max	Min	Z Score	Mean	SD	Max	Min	Z Score	
Duration [ms]	2.1	0.70	7.08	5.59	-2.2	6.04	0.70	7.08	5.59	-2.2	
Thickness [ms]	0.89	0.57	1.99	0.68		1.17	0.57	1.99	0.68		
Amplitude [µV]	430	117	468	215	-0.8	389	117	468	215	-0.8	
Phase	3	0.00	3.00	3.00		3.00	0.00	3.00	3.00		
Turns	2	2.50	1.00	4.00	2.00	2.50	1.00	4.00	2.00		
Sp Dur [ms]	2.47	0.46	3.13	2.00		2.50	0.46	3.13	2.00		
Risetime [ms]	0.27	0.07	0.38	0.20		0.29	0.07	0.38	0.20		
Area [µVms]	384	93	525	302		410	93	525	302		
Size Index	0.16	0.30	0.65	-0.03		0.31	0.30	0.65	-0.03		
Firing Rate [Hz]	19.7	5.1	19.7	9.5		12.1	5.1	19.7	9.5		

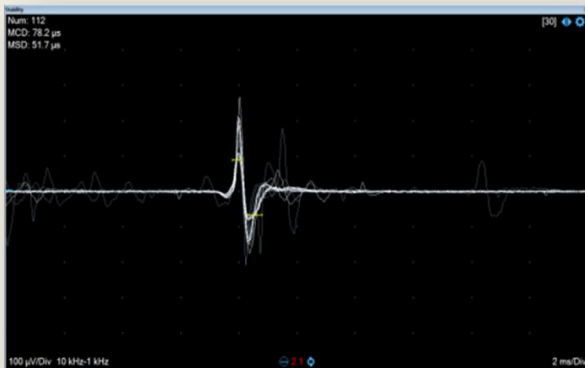
Customisable Results Table for all Motor Units analysed



IPA EMG Protocol

- Buffer Storage (Unlimited number of buffers)
- Snapshot
- Quick access Muscle Selection
- Normative information for common muscles
- Continuous IP Analysis - (Unique!)
- Analyse Stored buffers quickly from other EMG Protocols or previously saved patients

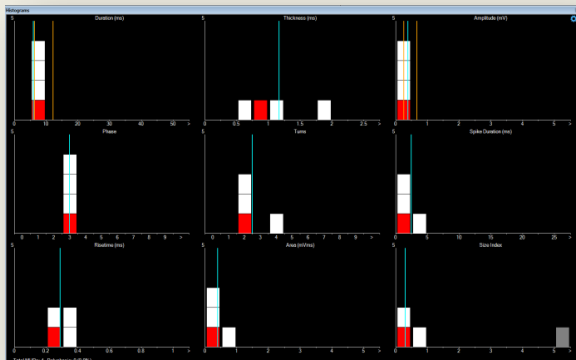
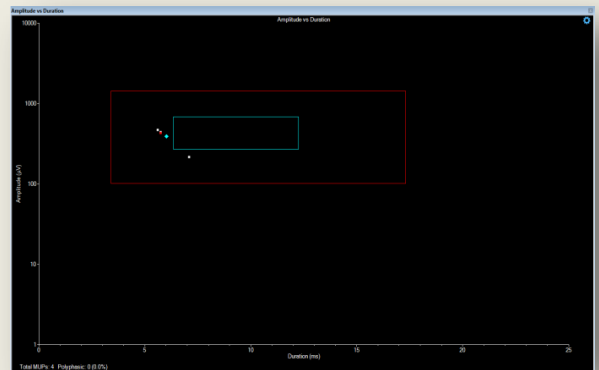
Additional Windows available in the EMGPlus Protocol



Stability Window (Jiggle)

Measure MCD/MSD values in the EMG+ Protocol using level triggers

Amplitude vs Duration Plot
Plot Amplitude and Duration measurements against normative values



Histograms

Customise which histograms you want to view from an extensive selection available



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