




CPS Pro Comparison List

Hardware	 CPS Pro	Lafayette LX 5000	Limestone Polygraph	Axciton Polygraph
Number of Current Channels	12 Physiological Channels, plus Voice	6 Physiological Channels, 2 Auxiliary	6 Physiological Channels, 2 Auxiliary	4 Physiological Channels, 4 Auxiliary
Sensitivity Range	0-99	0-10	Infinite	Infinite
24-bit Resolution	Yes	No	No	No
60 Hz Data Sampling	Yes	No	No	No
USB 2.0 Connection	Yes	No	Yes	No
High quality LEMO connectors * FDA/CE Approved	Yes	Yes	No	No
Plastic DAS Enclosure (Static Discharge Protection)	Yes	Yes	Yes	No
Supports both Electronic or Pnuematic Respiration Sensors	Yes	No	No	No
Skin Conductance	Yes	No	Yes	No
Skin Resistance	Yes	Yes	No	No
Skin Potential	Yes	No	No	No
Cardiograph range 0 - 215 mmHg	Yes	No	No	No
Plethysmograph	Yes	Yes	Yes	No
Counter Measure	Yes	Yes	Yes	Yes
Voice Events	Yes	No	No	No
ASTM Compliant	Yes	Yes	Yes	No
Durable Storage Case	Yes	No	Yes	No
7 Year Warranty	Immediate Replacement	Return for Evaluation	Immediate Replacement	Return for Evaluation

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Included Sensors	 CPS Pro	Lafayette LX 5000	Limestone Polygraph	Axciton Polygraph
Medical Grade Connectors	Yes	Yes	Yes	No
Electronic or Pneumatic Respiration	Yes	No	No	No
EDA with Laboratory Style Finger Contoured Ag-AgCl Electrodes	Yes	No	No	No
Tube of Electrode Paste	Yes	No	No	No
Ag-AgCl Snap Connectors for Pre-Gels	Yes	Yes	Yes	No
100 Disposable Pre-gelled Electrodes	Yes	Yes	Yes	No
Cardio Arm Cuff	Yes	Yes	Yes	Yes
Finger Cuff	Yes	No	Yes	No
Activator Seat Sensor	Yes	Yes	Yes	Yes
Scoring Algorithms	 CPS Pro	Lafayette LX 5000	Limestone Polygraph	Axciton Polygraph
Scientifically Validated Numerical Scoring Screen with computer-calculated relative reaction amplitudes and indices	Yes	No	No	No
Scientifically Validated Utah Probability	Yes	No	No	No
OSS 1,2	Yes	Yes	Yes	No
Scientifically Validated Response Magnitudes	Yes	No	Yes	No
Published in top-tier peer reviewed scientific journals	Yes	No	No	No
Algorithms are part of software and ALL are included FREE of charge	Yes	No	No	No

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Software Features	 CPS Pro	Lafayette LX 5000	Limestone Polygraph	Axciton Polygraph
Rank Scoring on Chart	Yes	No	No	No
Measurement Calipers	Yes	Yes	Yes	Yes
Chart Editing	Yes	No	No	No
Artifact Removal	Yes	No	No	No
Detrend EDA and Cardiograph	Yes	No	No	No
Real -Time Printing	Yes	Yes	Yes	Yes
USB Camera support	Yes	Yes	Yes	Yes
CD/DVD Authoring	Yes	Yes	Yes	Yes
Make Annotations after Chart has been collected	Yes	No	No	No
Languages	English, Spanish, Korean	English, Spanish, Russian	English, Spanish, French	English only
Chart Recording Features	 CPS Pro	Lafayette LX 5000	Limestone Polygraph	Axciton Polygraph
Chart Formatting for optimized display of traces without overlapping of tracings	Yes	No	No	No
Self-centering Traces without loss of data	Yes	No	No	No
Sensitivity adjustments have no effect on actual sensitivity settings	Yes	No	No	No
Globally view entire chart on computer screen without compressed tracings	Yes	No	No	No
Customized Record and Display of Channels	Yes	No	No	No

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