

# Introducing the All-New CPS Pro

Reinventing the instrument that started it all...



## TRADITION. INNOVATION. QUALITY.

Since 1930, Stoelting has been on the forefront of design and manufacture of reliable polygraph instrumentation. This third generation Computerized Polygraph System (CPS) represents the very latest in state-of-the-art digital technology and innovation.

### NEW FEATURES:

- Updated high-resolution, 24-bit analog-to-digital conversion circuitry
- Records up to 12 channels
- Medical-grade LEMO and Luer inputs and connectors
- Use either Electronic or Pneumatic Respiration Transducer
- Use either Skin Conductance or Skin Resistance
- Cardiograph supports up to 200 mm Hg
- Plug-and-Play via a USB 2.0 connection. No driver installation is required
- Use with current easy-to-use, powerful, and feature-rich CPS software



# CPS Pro allows you to quickly, easily and accurately measure:

**\*NEW THORACIC RESPIRATION CHANNELS**  
Records thoracic respiration using either our electronic Pneumotrace II Transducer or our Classic Pneumatic Pneumograph

**\*NEW ABDOMINAL RESPIRATION CHANNELS**  
Records and measures abdominal respiration using either our electronic Pneumotrace II Transducer or our Classic Pneumatic Pneumograph

**CARDIO CHANNELS**  
**Blood Pressure:** Records relative blood pressure and pulse rate. Cardiograph provides continuous digital display of subject's pulse rate and cuff pressure, eliminating the need for a pressure gauge on the cardio tubing. Optimal cuff pressure is between 52 and 62 mm Hg for subject comfort. Range is 0 to 200 mm Hg.

**\*NEW Finger Cuff:** Records blood volume and pulse rate from an occlusive finger cuff. Range is 0 to 200 mm Hg.

**Plethysmograph:** Records pulse rate and blood volume changes from the fingertip using a photoelectric sensor

**ELECTRODERMAL CHANNELS**  
**Skin Conductance:** Records electrodermal activity using a low constant voltage circuit (0.5V)

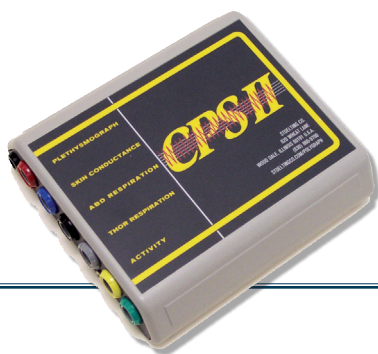
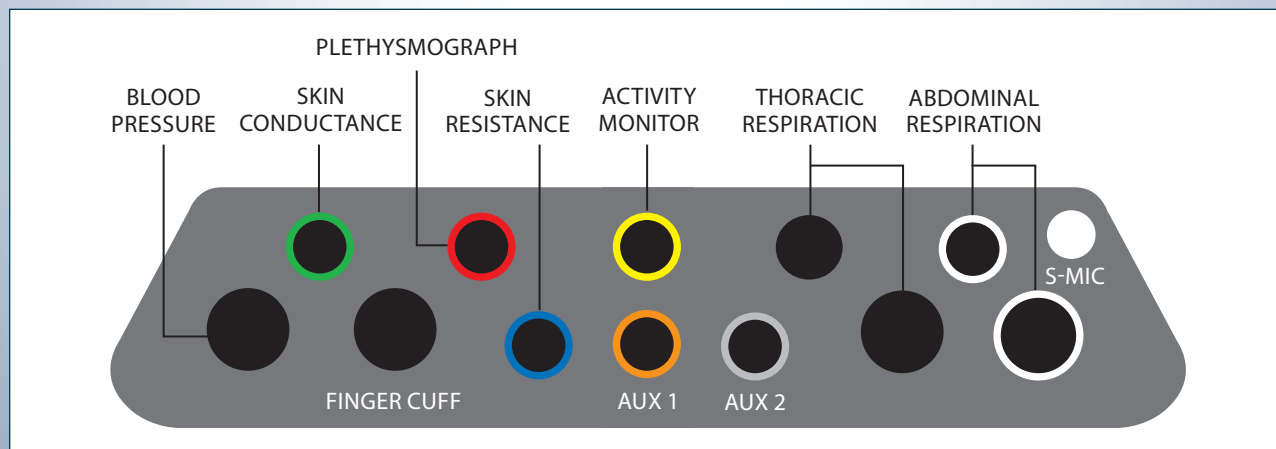
**\*NEW Skin Resistance:** Records electrodermal activity using a low constant current circuit (2.5µA)

**Aux 1 (Skin Potential):** Records the electrical activities of the sweat glands themselves, with no external voltage applied to the skin

**ADDITIONAL CHANNELS**  
**Activity Monitor:** Records subject body movements from an activity sensor pad.

**Voice Marking Channel:** Records the exact moment of question onset and offset (examiner), and the moment of answer (subject).

**\*NEW Aux 2:** This channel was incorporated for future development. Future polygraph research efforts may be devoted to Pupil Diameter, Skin Temperature, EKG, Continuous Blood Pressure and more.



**\* TAKE ADVANTAGE OF OUR REDUCED PRICING FOR CPS II INSTRUMENTS!**

8 Channel CPS II was \$6,995, now only \$4,495!  
5 Channel CPS II was \$5,995, now only \$3,995!

