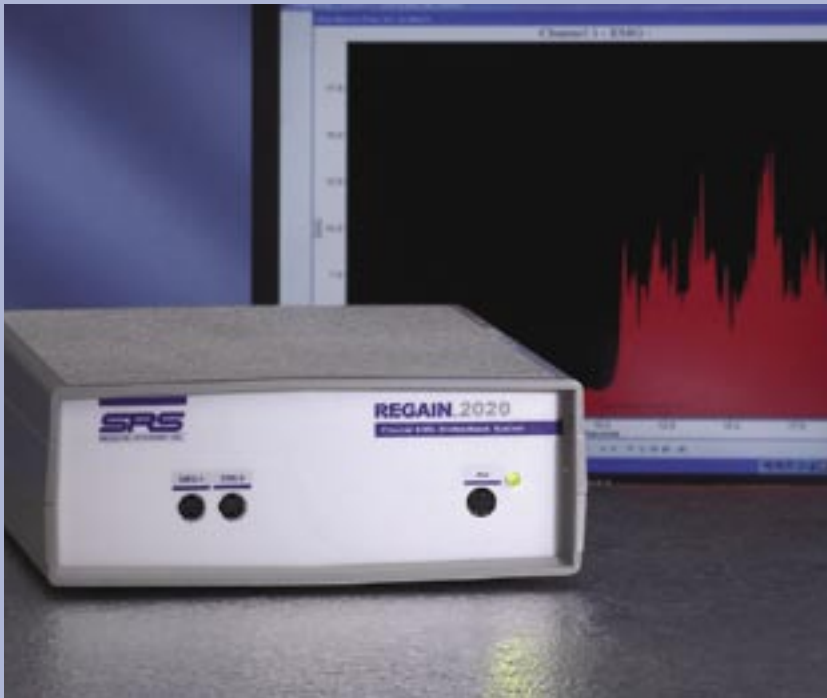


Regain™ 2020

Dual EMG Biofeedback System



Muscles work in pairs. That is why dual EMG has become a basic tool for many physical therapists.

The Regain 2020 is the newest clinical biofeedback system from SRS Medical, a manufacturer known for the quality of its products and user support. Features include Smart Sensors™ for artifact-free EMG, a medical-grade power supply and modern, easy-to-use software with protocols for both pelvic floor and musculoskeletal rehabilitation.

New MuscleWorks™ PC software combines an easy-to-use interface and clear graphic displays with proven, step-by-step clinical protocols. It walks you through each step of an evaluation or training session and then produces a succinct, informative report for third-party reimbursement, referral sources and review with patients. MuscleWorks also provides support for your HIPPA privacy efforts.

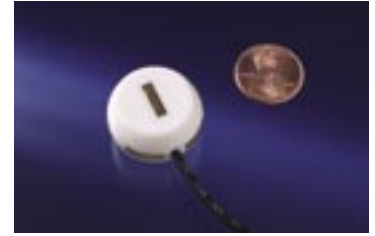
SRS
MEDICAL

Innovative Solutions for Incontinence®

Regain™ 2020 Dual EMG Biofeedback System

Pelvic Floor Muscle Reeducation

Why monitor two channels of EMG? Simultaneous monitoring of the activity of the pelvic floor and accessory muscles makes it easier for patients to learn to isolate muscles and develop better control. Internal electrode assemblies like the SRS Medical SenseRx™ Vaginal or Anal Sensors or the new Eisman-Tries IVS-2™ Intravaginal Sensor (on right) are typically used for the pelvic floor, since they make the most direct measurements of the muscle activity. Surface electrodes on the right side of the abdomen are typically used for the second site, in order to monitor inappropriate use of accessory muscles.



Musculoskeletal Rehabilitation

The Regain 2020 can measure any two muscles and it works on two levels to help patients succeed in rehabilitation. First, it provides them with real-time guidance during therapeutic exercises, giving them a better sense of their posture and movement patterns. Second, it keeps them motivated by providing tangible, incremental goals and proof of progress. These “hard numbers” can be particularly beneficial for post-stroke patients, since they demonstrate responses that may not be seen or felt otherwise.

Artifact-free EMG Detection

The Regain 2020 features the Smart Sensor™, a lightweight assembly containing three electrodes and a miniaturized instrumentation preamplifier. Locating the preamp at the muscle site allows artifacts to be cancelled before they are processed and results in the highest quality signal.

Specifications

System	Instrument Capacity: 2ch EMG and 1ch Auxiliary inputs. Front Panel Indicator: Power On/Off, Status. Analog Resolution: 12 bit ADC (high-resolution analog-to-digital convertor). Output: 9-pin sub-D connector for opto-isolated RS232. RS232 Data Transfer Rate: 115.2 Kbaud max. 19.2 Kbaud standard.
EMG	Inputs: 2 ea. 4-pin mini-DIN jacks for Smart Sensor™ Preamplified EMG Electrode Assemblies. Calibrated Range: 0.1- 999 μ V RMS (microVolts). Bandwidth: 30-500 Hz. (50/60 Hz. notch filter). Input Bias Current: < 2.0 picoAmperes typical, 20 pA max. Differential Input Impedance: > 1,000,000 Megohms @ DC System Common Mode Rejection: 146 dB @ 60Hz. Noise: < 0.15 μ V. (inputs shorted). Detector: True RMS, +12.5/-25 mS. averaging filter.
Physical	Instrument Console Case Material: Impact-resistant, flame retardant ABS. Instrument Console Size: 3.5" H x 8.375" W x 9" D. Weight: 3 lbs. 11 oz.
Power	Input: 5-pin DIN jack accepts Patient-Isolated Power Supply. Patient-Isolated Power Supply: 120 VAC, 60 Hz in. 12 VDC 800mA out. UL-USA & cUL listed.
Regulatory	Notice: For complete instructions, indications and contraindications, please refer to User's Guides.

Specifications are subject to change without notice.

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