

BioSmart

Wireless Biofeedback Unit



BioSmart

Biofeedback Equipment

Reference	Description
00004821	BioSmart - Biofeedback Equipment

BioSmart Features

- ▶ Wireless Communication Improves Ergonomics
- ▶ Patient Management
- ▶ Questionnaires
- ▶ User Target Configurations
- ▶ Standard and Customized Protocols
- ▶ Continuous Improvement Analysis
- ▶ Pelvic Floor Rehabilitation - Periform
- ▶ Biofeedback for Anal Sphincter - Anuform
- ▶ User Configurable Reports



Technical Specifications

EMG Input Channel

Pressure Input Channel

(only with SmartDyn Urodynamic System)

- ▶ Patient input protection: $\sim 6k\Omega$
 - ▶ Input range: 1mV full scale
 - ▶ Input resolution: $>100nV$ (averaged)
- Acceptable DC voltage: 600mV maximum
 Input impedance: 1010 ohms // 1pF
 Input impedance imbalance: $>40\%$
 Common mode rejection: $>100dB$
- ▶ Bandwidth: 10Hz~1000Hz
 - ▶ Optional Notch: 50Hz
- Input referred noise level: $2\mu V$ (averaged)
 Sampling rate: 2000 samples/second
 Resolution: 24bits (bit weight $<30nV$)



BS_E_2. Rev.02 Date 13-04-2023

Creo Medical authorised local distributor

Creo Medical UK Ltd

Chestnut House, N.Minster Business Pk.

YO26 6QR York, United Kingdom

Email: info.uk@creomedical.com

Tel: +44 (0) 1904 786888

Technical changes and mistakes reserved. Images may show non standard options.

