

CSW10a/b

NON-INVASIVE TELEMETRY ECG MEASUREMENTS

Corscience is a service provider specializing in the development of diagnostic and therapy devices, especially embedded systems, telemetry devices and data management, for cardiovascular disorders.



Corscience BT3/6 device

BT3/6 is a compact, low-cost, battery powered and low consumption device that provides 3-/6- derivation channels (Einthoven Goldberger). It performs online acquisition of ECG signal.

Ready-to-use as no surgery nor recovery period is needed, BT3/6 is adapted to long-term ECG recordings and can be used as a substitute for conventional ECG monitors, ECG recorders and implantable telemetry apparatus.

KEY FEATURES

- Online acquisition of 6-lead ECG
- Low cost, off-the-shelf medical device
- Bluetooth® external telemetry technology
- Up to 27-h continuous recording
- Automatic device detection by NOTOCORD-hem™ Evolution
- Video post-synchronization (=1s precision after 24h)
- Electrode contact monitoring for quality control
- 18 bits converter, pure DC coupling, internal digital filtering

BT3/6 ensures continuous ECG measurements and wireless data transmission: the integrated Bluetooth® technology allows BT3/6 to transmit ECG data over a range of up to 25 m, without signal crosstalk between devices, to NOTOCORD-hem™ Evolution platform.

COMPATIBILITY WITH NOTOCORD-HEM™

NOTOCORD® offers dedicated acquisition servers CSW10a/b for ECG signals recorded with Corscience BT3/6 devices.

Combined Corscience / NOTOCORD® solutions find applications in:

- Cardiac Toxicology studies
- Cardiac Safety studies
- Animal selection for implantation
- Large animals studies
- Telemetry technology for ECG measurements

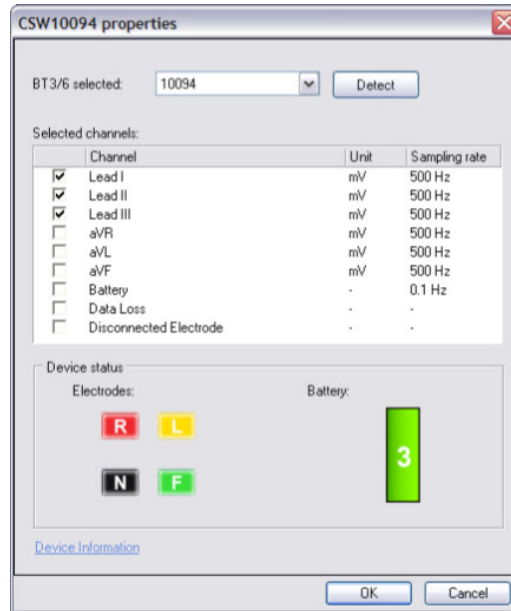
OUR ACQUISITION SERVERS

CSW10a/b are dedicated acquisition servers designed by NOTOCORD® for ECG signals sent by Bluetooth® Corscience devices. BT3/6 is automatically detected by CSW10a/b. NOTOCORD-hem™ can record data from **up to 14 BT3/6** systems simultaneously.

Specific outputs are generated when **data transmission** is interrupted or when an electrode is disconnected. CSW10a/b properties window displays the electrodes connection status, based on the International Electrotechnical Commission standards color index, and the battery level of the related Corscience device.

CSW10a/b are **compatible** with **video** streams acquisition and NOTOCORD-hem™ analyzers.

Multiple lead ECG may be useful for a visual assessment of the positioning of ECG reference marks in VME10e/v modules (Editing and validation of ECG analysis) as well as the detection of cardiac abnormalities.



CSW10a/b properties window

+ Related products

ARR30a	Arrhythmia detector
CSW10a/b	Corscience BT3/6 acquisition up to 7/14 devices
ECG30/31x	Series of automated ECG analyzers
ECG51a	Semi-automated ECG analyzer
RME10a	Reference mark editor for arrhythmia
VME10e/v	Editing and validation of ECG analysis/with synchronized video
VSH10a/b	4/8-channel video acquisition server

Working in a GLP environment?

21 CFR Part 11 compliance is achieved via our AccessManager security application, activating a highly secure and compliant Audit Trail.

CSW10a/b

EUROPE - Headquarters

NOTOCORD SAS
Tel. +33 (0)1 34 80 00 00
information@notocord.com

NORTH AMERICA

NOTOCORD Inc.
Tel. +1 888 204 7770
information@notocord.com

JAPAN

PRIMETECH Corp.
Tel. +81 (0)3 3816 0851
sales@primetech.co.jp

SOUTH KOREA

IWOO Scientific Corp.
Tel. + 82 (0)2 3473 2332
sale@iwoo.co.kr

SEJONG-BIO

Tel. + 82 (0)4 2826 9473
sales@sejong-bio.co.kr

TAIWAN

MESONICS Systems Ltd.
Tel. + 886 2 2736 4066
info@mesonics.com.tw

CHINA

B&E Teksystems Ltd
Tel. + 86 10 8758 5773
bandetek@hotmail.com

INDIA

BIO-DOT Scientific, New Delhi
Tel: +91 11 2636 3490
upkar@biodotscientific.com

www.notocord.com
information@notocord.com
+33(0) 1 34 80 00 00



Version 1.0 - © NOTOCORD - All rights reserved.

Because we have a policy of continuous product improvement, NOTOCORD reserves the right to change specifications without notice. The information provided in this brochure are not intended to form part of any offer or contract.

