ri-sonic + eMurmur

Advanced Digital Auscultation

By combining the Riester **ri-sonic** electronic stethoscope with eMurmur advanced digital auscultation platform, we are making it possible for healthcare professionals to screen, monitor, diagnose, and consult on heart, lung, and bowel health, whether the patient is in clinic, in hospital, or at home.

ECOMED
Serving The HealthCare Industry

Riester

Heart disease remains the world's number one cause of mortality with pulmonary and respiratory associated disease ranked in the top five. *

The need for remote diagnosis and contact free consultation has never been more acute, exacerbated by the global pandemic.

Auscultation At-Home & In-Clinic
How it works: Three primary modes of advanced digital auscultation

Live Stream
Provider with Patient to Provider
The primary care provider is with the patient and live streams auscultation sounds to eMurmur's consulting provider, who hears and sees the sounds via eMurmur's browser-based web portal.

Asynchronous
Provider with Patient to Provider
The primary care provider is with the patient, stores the auscultation data in the secure eMurmur cloud, and requests remote consultation. The consulting expert reviews the case and provides feedback via the web portal.

Live stream
Direct-to-Patient
eMurmur includes a patient-facing interface that connects providers with patients at home. The patient at home self-navigates the stethoscope as per provider instructions. Heart and lung sounds are live streamed to the provider, who hears the high fidelity sounds via the web portal.

eMurmur 🫀 facilitates the recording and live streaming of cardiac and pulmonary sounds; specialist review and consult; electronic case reporting of auscultation sessions, and more.

eMurmur 🫀: Advanced digital auscultation

› Primary modes of digital auscultation at home and in clinic: Bedside digital auscultation, Real-time remote auscultation, Asynchronous auscultation

› Browser-based web portal to review, manage, and conduct electronic reporting of auscultation data

› HIPAA- and GDPR-compliant

› End-to-end encryption

› eConsult

› iOS, Android and Web portal

› State-of-the art audio quality

› User-friendly design

ri-sonic

PCP-USB Electronic Stethoscope
PCP-1 Electronic Stethoscope

PCP-USB
Stethoscope uses a chest piece that includes an embedded amplifier, A/D Converter, Encoder and USB interface

PCP-1
Stethoscope uses a chest piece that plugs into the Microphone port of a PC, tablet or phone

TECHNICAL DATA

Mode of operation:	This product may be used in continuous operation
Electrical protection:	Class II protection against electrical shock
Model:	**ri**-sonic® (PCP-USB) USB plug **ri**-sonic® (PCP-1) 3.5 mm stereo plug
Voltage:	Input: 2 V - 5 V DC
Classification:	Type BF applied part
Weight: **PCP-USB, PCP-1**	180 g, 145 g
Operating conditions: **PCP-USB, PCP-1**	5°C to 40°C at a water vapor pressure up to 50 mbar, a relative humidity range of 30% to 75%
Storage and transport conditions: PCP-USB, PCP-1	-25°C to 35°C, > 35°C to 70°C at a water vapor pressure up to 50 mbar, a relative humidity range of 0% to 90%
Air-pressure: **PCP-USB, PCP-1**	700 hPa to 1060 hPa
Intended Use:	**ri**-sonic® Electronic Stethoscopes are intended for use to enable a clinician to listen to internal body sounds, such as heart and lung sounds, of a patient.
MDD Class:	Class IIa

ORDERING INFORMATION

Item Number	Description	Box Qty.
4300	**ri**-sonic® PCP-USB Bulk Packed	1
4301	**ri**-sonic® PCP-USB Retail Box	1
4310	**ri**-sonic® PCP-1 3,5mm stereo plug with straight cable bulk packed in poly bag	1
4310.001	**ri**-sonic® PCP-1 3,5mm stereo plug with coiled cable bulk packed in poly bag	1
4311	**ri**-sonic® PCP-1 3,5mm stereo plug with straight cable in Retail Box	1
4311.001	**ri**-sonic® PCP-1 3,5mm stereo plug with coiled cable in Retail Box	1