

EKO CORE 500™ DIGITAL STETHOSCOPES

- 32484 EKO CORE 500™ DIGITAL STETHOSCOPE - silver - EK0003
- 32485 EKO CORE 500™ DIGITAL STETHOSCOPE - black - EK0004

The CORE 500™ is a digital stethoscope, combining 3-lead ECG, unmatched audio clarity and waveform visualizations. Instead of using a hollow tube like with an analogue stethoscope, heart and lung sounds are delivered digitally through ear tip speakers. This results in unparalleled audio quality and sound cancellation.

The device also connects to the Eko App to access a wide range of features and manage data.

Superior sound: experience 8x sound improvement thanks to advanced background noise reduction. Heart disease detection at double the rate compared to a traditional stethoscope.

Hear with precision, even in noisy environments: TrueSound™ technology unlocks active noise cancellation and up to 40x sound amplification. This allows for clearer detection of body sounds, facilitating confident diagnoses.

3 audio filters: toggle between Cardio, Pulmonary and Wide audio filters that are optimized to pick up heart, lung and body sounds.

See insights in seconds: the full-colour display shows 1-lead ECG, streamlining workflow and providing essential data right at your fingertips.

Expand cardiac assessments: the integrated 3-lead ECG offers a more comprehensive view of patient's heart, improving diagnostic accuracy.

Detect disease earlier: unlock murmur and AFib detection powered by Eko AI, along with sound recording, sharing and more, with an Eko+ membership for earlier diagnoses and seamless collaboration.

Designed to last: scratch and splash proof, with a battery life of up to 60 hours, ensuring it stays powered through even the longest shifts.

Use with Bluetooth: connection to any device (via Eko App), like earbuds or hearing aids, allowing hearing-impaired physicians to access more information and simplifying exam flow.

Eko App

Connection to the Eko App allows the user to complete device setup and access standard features.

An Eko+ membership is available to unlock the Eko App's full feature set (see table below). A 14-day free trial is included with every

purchase. Please note that feature availability may vary by country. For further details on subscription options, please visit <https://support.ekohealth.com/>. Medical Device Class IIa

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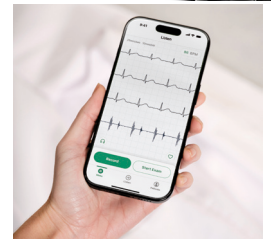
FDA (510K)



32484



Chestpiece can be used alone, connected to phone or earphone by Bluetooth (via Eko App)



Real-time 3-ECG display

STANDARD ACCESSORIES

- 4 Ear tips (2 small, 2 large)
- 10 alcohol wipes
- USB-C cable
- QR code manual: GB, FR, IT, ES, PT, DE, DK, SE, NO, HU, GR
- 1 Eko earpiece
- 14 - day free trial Eko+ membership

Eko App free standard features:

- Real-time ECG and PCG
- Wireless listening
- Cardiac, pulmonary, and wide listening modes
- Single-sound recording with real-time playback
- Average heart rate reading
- Over-the-air (OTA) updates

Eko+ membership additional features (only available with annual fee):

- Structural murmur detection supported by Eko AI
- AFib detection supported by Eko AI
- Sinus tachycardia and sinus bradycardia detection supported by Eko AI
- Unlimited sound recording, saving, and playback
- Access to saved recordings and secure file sharing
- Guided 4-point exam flow
- Patient profiles
- PDF reports
- Web Dashboard access
- First access to new software features

TECHNICAL SPECIFICATIONS

Lead:	3-lead ECG
Frequency range:	0.1-250 Hz
Heart rate range:	30-200 bpm, $\pm$ 5 bpm
Amplification:	up to 40x
Display:	full-color LCD display, $\varnothing$ 4.57 cm
Bluetooth:	4.2 low-energy
Power supply:	rechargeable lithium-ion battery
Battery life:	up to 300 minutes of continuous use and up to 60 hours of regular clinical use
Diaphragm diameter:	3 cm
Size - weight:	69 cm from ear tip to chestpiece - 186 g
Protection:	IP44

HEINE GAMMA STETHOSCOPES

The new HEINE GAMMA stethoscopes have been given a complete overhaul. Particular emphasis was placed on an excellent ergonomic design, with angled binaural and optimised ear olives. Featuring a solid aluminium chest piece, this extremely lightweight model offers excellent acoustics and proven reliability for use in practices, hospitals, care or study settings.

- single-tube and high-quality membrane for optimum sound transmission
- switchable double chest piece for high and low frequencies (51253, 51256, 51258 only)
- open bell diameter 30 mm (51253, 51256, 51258 only)
- durable and high-quality
- optimum patient accessibility due to angled connector on the chest piece
- non-chill rims for patient comfort
- extremely comfortable to wear.

Tubing length: 70.5 cm.

Chest piece: $\varnothing$ 48 mm (51250, 51253, 51258); $\varnothing$ 34 mm (51256).



51250



51256



51258



51253

MADE IN GERMANY

GIMA code	HEINE code	HEINE GAMMA STETHOSCOPES - black	Weight
51250	M-000.09.941	GAMMA 3.1 pulse - single flat chest piece	110 g
51253	M-000.09.942	GAMMA 3.2 acoustic - double chest piece	120 g
51256	M-000.09.943	GAMMA 3.3 paediatric - double chest piece	115 g
51258	M-000.09.947	GAMMA 3.2 acoustic X series - double chest piece	120 g