

Eko DUO

DUO ECG + Digital Stethoscope (2nd Gen)

DUO is the only FDA-cleared 2-in-1 cardiac examination system in your pocket that helps you bring advanced care to patients where they are. In as little as 15 seconds, DUO gives you a deeper look into your patients' heart health. Capture and transmit ECG, amplified heart sounds, and visualizations simultaneously from the clinic or the comfort of your patients' homes.

New and Improved:

- Improved ECG signal
- Improved Bluetooth connectivity
- Retains battery charge longer when in standby (up to 1 year)
- Clearer auscultation sounds
- Wireless firmware upgrade capability

Product Details

Name	Eko DUO ECG + Digital Stethoscope (2nd Gen)
SKU	DUO200 (w/o earpieces) DUO1201 (w/ earpieces)
MSRP	\$399
Warranty	2 years ●

Digital Stethoscope

Sound amplification	32x
Frequency range	20Hz – 2KHz
Sample rate	4000Hz
Volume settings	12
Sound filtering	4 selectable audio filters: Diaphragm (Cardiac), Bell, Midrange (Pulmonary), Extended

Single Lead ECG

Electrodes	2 stainless steel electrodes
High pass filter	0.01Hz high pass filter
Mains filter	Selectable 50 / 60Hz mains filter
Sampling rate	500 Hz sampling rate

Device Controls/Other Features

On/Off, Volume, Audio filters, Notification light, Record button

Connection

Bluetooth	Bluetooth LE 4.2 and above
Wired	3.5mm threaded jack
Firmware updates	Over-the-air enabled ●
Wireless Auscultation	Yes

Power

Rechargeable lithium-ion battery	Up to 1 year of standby time ●
Auto shutoff	After 5 minutes of inactivity
Charging method	Wireless induction



Materials

Device	6061 machined aluminum and high-impact ABS thermoplastic <i>Does not contain natural rubber latex or phthalate plasticizers</i>
Microphone	Piezoelectric sensor

Specs

Device dimensions	Height: 4.7 in (119 mm) Width: 1.9 in (47 mm) Depth: 0.6 in (16 mm)
Length with earpieces	Length: 31.5 in (800 mm) Width: 0.9 in (24 mm)
Weight	3.6 oz (102 g) ●

Compatibility

Eko App for Apple iOS	iOS 12 and later
Eko App for Android	Android OS 8 and later
Integrations	Eko Connect SDK/API (Requires update from previous SDK/API versions)
Eko AI	AFib, Murmur Detection, Tachycardia, Bradycardia, QRS Duration
Telehealth	Livestream ECG, sound, PCG

Clearances & Licenses Pending

FDA Cleared, ISO 13485 Certified, CDPH Licensed, HIPAA Compliant	
TAA Compliant	Coming Q4 2021