

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) DUO201 (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 |