

SonoCare Technologies

Israel · Est. 2018

Ultrasound that goes *anywhere* medicine is needed.

< 6 lbs

Total device weight

Real-time

Cloud transmission to physician

Zero

Ionizing radiation exposure

Global

Remote guidance, anywhere

< 6 lbs

Total device weight

A cloud-connected handheld ultrasound system developed at the Technion — Israel Institute of Technology — delivering real-time imaging from conflict zones, rural clinics, and disaster sites directly to physicians worldwide.

The Problem We Solve

Imaging shouldn't stop at the clinic door.

Conventional ultrasound machines weigh up to 400 lbs. and require stable infrastructure. In conflict zones, rural communities, and mass-casualty events, that infrastructure doesn't exist — and patients die without the imaging needed to guide life-saving decisions.

SonoCare's handheld probe transmits scan data to the cloud instantly, where a remote physician can assess findings in real time and instruct on-site personnel — whether that's a combat medic, a community health worker, or a first responder.

Clinical Applications

- ▶ **Tactical triage** — detect internal hemorrhage, pneumothorax, and foreign bodies at point of injury
- ▶ **Forward surgical teams** — assess chest and abdominal injuries when CT is unavailable
- ▶ **Medical evacuation** — monitor patient stability in transit via armored vehicle or helicopter
- ▶ **Blast & MSK injuries** — detect shrapnel, assess ligament trauma, guide nerve blocks in the field
- ▶ **Developing-world clinics** — remote-guided diagnosis for obstetric, cardiac, and organ assessments

How It Works

Scan. Transmit. Diagnose — in minutes.

Our proprietary algorithm reduces scan data at the acquisition stage, enabling lossless upload to a secure cloud without sacrificing image resolution. The resulting image reaches the treating physician's smartphone or tablet in seconds — enabling real-time guidance from anywhere in the world.

Device Specifications

Weight	Under 6 lbs.
Form Factor	Backpack or pocket carry
Transmission	Cloud / cellular real-time
Output	Smartphone & tablet display

Radiation

None — sound wave-based

Origin

Technion — IIT, Israel

“This development will enable remote treatment for patients in developing countries, under the guidance of Israeli doctors — in real time.”

Dr. Avi Cohen, Cardiologist, Sheba Medical Center, Israel

Ready to equip your team? Let's talk deployment.

SonoCare Technologies Ltd. · Tel Aviv, Israel · +972 3 555 0190 · www.sonocare.io