



Ultrasound for speech

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@SonoSpeech

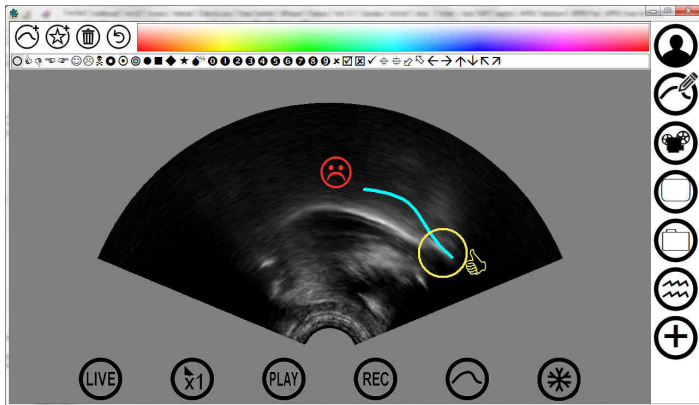
Designed to be compact and silent for clinical use. SonoSpeech is a unique clinical app provides live visual biofeedback of tongue movement for all speech sounds and includes template target tongue shapes for each segment.

Key Features:

- **USB Scanner** (1950GBP)
- **Portable:**
 - Ultrasound 106x105x21mm; 0.26kg
 - 2-4MHz Probe handle 104mm 0.3kg
 - Laptop eg. Microsoft Surface Pro 0.8kg
 - Total Weight 1.3 kg
- **Mobile:** Everything powered by laptop battery (1.5Hrs)
- **Silent:** No fan noise, unlike many other systems
- **2-4MHz Convex Probe** (1250GBP): Short 20mm radius probe with large 101.2° field of view (FOV) suitable for adults and older children.
- **SonoSpeech Speech Therapy Visual Feedback Software** (490GBP) Touch or mouse controlled, providing simple live dynamic ultrasound image with graphical overlays to highlight palate position and target constriction; template videos of sound segments to demonstrate tongue configurations; simultaneous audio recording and playback.
- **Requires Windows, running on PC or mac with i5/i7 1.8GHz processor or equivalent** [not included]



Radius 20mm; Frequency 2-4MHz; Max FOV 101.2°



Simple, intuitive interface

Accessories

- **Microconvex probe:** 5-10MHz, 10mm radius probe.(1250GBP)
- **Higher frequency convex probe:** 4-8MHz, 20mm radius probe.(1250GBP)
- **UltraFit probe stabilisation headset** (850GBP)



Approximate price for ultrasound with one probe and SonoSpeech application 3690GBP; excludes laptop, shipping, import duty and tax.

[This configuration uses the laptop built in microphone. Audio cannot be synchronized precisely. Not recommended for research. For a research version of this system with precise automatic synchronization and analysis software please enquire.]

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