



Frequency doesn't define performance

Why Vscan Air™ delivers outstanding image quality for aesthetic ultrasound

1. Resolution is more than frequency

Ultrasound image quality depends on multiple factors, **beyond frequency alone**. Vscan Air's advanced imaging architecture ensures clarity and precision through:

- **High-Definition Speckle Reduction Imaging (HD-SRI):** HD-SRI delivers improved image quality with optimized contrast resolution and a smoother appearance to enhance the details while maintaining the image's integrity.
- **Optimized near-field resolution:** Essential for facial and superficial applications, Vscan Air delivers excellent visualization of superficial structures.



2. Superior software & color Doppler sensitivity

In aesthetic medicine, safety depends on seeing what matters most – especially vascular structures. Vscan Air delivers high-quality imaging with 12 MHz thanks to intelligent image processing and sensitive color Doppler, enabling confident identification of vessels, supporting precise, controlled, and safer interventions.

- **Smart imaging algorithms:** GE's advanced algorithms enhance contrast and edge definition for accurate visualization of facial and superficial anatomy.
- **Enhanced color Doppler:** Improved sensitivity detects subtle vascular flow, enhancing safety during filler injections and other aesthetic interventions.



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3. Ergonomic advantage: the lightest among top handheld probes (205 g)

Ergonomics directly influence image quality and procedural accuracy. A lightweight, cable-free design reduces fatigue, limits tissue compression, and allows stable, precise scanning – particularly important in delicate facial regions and longer treatment sessions.

- **Ultra-light design:** Minimizes operator fatigue and improves maneuverability for precision scanning in delicate facial regions.
- **Preserves vascular integrity:** Lightweight design reduces compression of fragile facial vessels, ensuring accurate vascular mapping and procedural safety.
- **Wireless freedom:** Cable-free operation eliminates clutter, enabling seamless scanning and improved patient comfort.
- **Thermal efficiency built-in:** No external cooling accessories required – Vscan Air is engineered for thermal stability even during prolonged scanning sessions.

4. Purpose-built preset for aesthetic medicine

Performance is not only about raw technical capability, but about consistency and usability in real-world practice. Dedicated presets and integrated filters ensure reproducible, high-quality imaging – without time-consuming manual adjustments.

- **Tailored settings:** Preconfigured presets for facial and superficial imaging deliver consistent, high-quality results without manual optimization.
- **Integrated imaging filters:** Combines advanced software, ergonomic design, and optimized imaging filters to demonstrate that frequency alone does not define performance.

5. Dual-probe design: all-in-one solution

Aesthetic workflows demand flexibility across superficial and deeper anatomical layers. The dual-probe concept combines high-resolution surface imaging with deeper visualization capabilities, eliminating the need for multiple devices while maintaining diagnostic confidence.

- **Linear probe:** Optimized for high-resolution superficial scanning in facial aesthetics and breast imaging.
- **Curved probe:** Designed for deeper imaging applications such as liposuction guidance, planning for Brazilian Butt Lift (BBL), and body contouring.
- **One device, two applications:** A comprehensive solution for aesthetic practitioners seeking versatility in a compact system.



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Key takeaways

High-frequency alone does not define ultrasound performance in aesthetic medicine. Vscan Air proves that image quality, safety, and clinical confidence emerge from the intelligent combination of software, ergonomics, presets, and probe versatility – designed for real aesthetic practice, not specifications alone.