

The Verasonics L39-21gD, distributed in partnership with Daxsonics, provides high performance imaging in an industry-leading miniature form factor.

Designed for pre-clinical and superficial imaging applications, this transducer offers excellent sensitivity with Daxsonics' high-frequency effective-composite acoustic design. The L39-21gD enables detection of weak signals from small blood vessels using advanced Doppler imaging techniques.

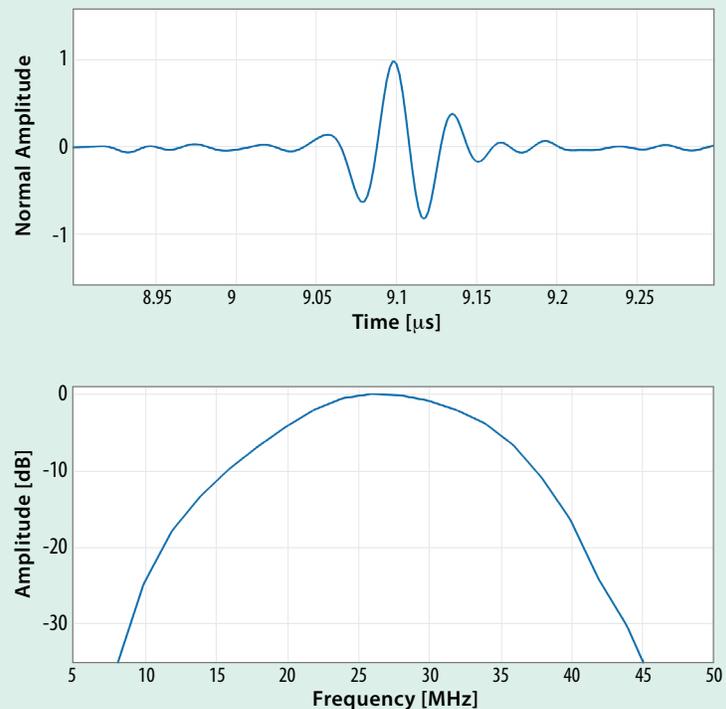
The L39-21gD is compatible with the High Frequency configurations of the Vantage 256, Vantage 128, and Vantage 64LE.

## L39-21gD Specifications and Values

|                    |   |
|--------------------|---|
| Center frequency   | 30 MHz  |
| Number of elements | 128   |
| Bandwidth          | >55%  |
| Pitch              | .055 mm; 1.1 $\lambda$  |
| Elevation focus    | 6.5 mm  |
| High voltage limit | +/- 40 V  |
| Cable length       | 7 ft; 2.1 m   |
| Transducer face    | 16 mm x 6 mm cross section  |
| Compatibility      | <ul style="list-style-type: none"> <li>• UTA 408-GE Probe Connector Interface</li> <li>• High Frequency configurations of the Vantage 256, Vantage 128, and Vantage 64LE</li> </ul> |



Single element pulse-echo in water bath off a quartz flat surface at a distance of 6.8 mm.\*



\*Performance graphics courtesy of Daxsonics



Verasonics is proud to partner with Daxsonics to make this transducer available to the worldwide ultrasound research community.

**Verasonics Inc.**

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