



The UTA can be changed in about one minute — no tools required

## The Universal Transducer Adapter for Vantage Systems

Verasonics' new Universal Transducer Adapter, or UTA, allows a Vantage user to quickly convert the system to operate other transducer connectors. In addition to the standard single and dual 260-pin connectors used by Verasonics transducers, there are now UTAs for transducers from other manufactures.

The new adapters contain more pins to operate more channels, offer improved grounding, provide digital control signal paths, and more. Significant performance benefit can be gained with higher frequency transducers. One UTA adapter is included with every Vantage system. Additional adapters can be purchased. Older Vantage systems can be upgraded to the UTA technology.



### UTA 260-S and 260-D

The **UTA 260-S** has a single 260-pin connector and is available on the Vantage 128<sup>™</sup> and the Vantage 64 LE<sup>™</sup>.

The **UTA 260-D** has two 260-pin connectors and is available on the Vantage 256<sup>™</sup>. Each connector provides signals for 128 channels.

These adapters provide compatibility with all Verasonics transducers and most refurbished HDI transducers manufactured by ATL Ultrasound.

### UTA 260-MUX

The new Vantage 64<sup>™</sup> system can operate standard Verasonics transducers with up to 128 elements when the **UTA 260-MUX** is used.



### UTA 360

The **UTA 360** is available on the Vantage 256 and provides compatibility with the MS-series of transducers from VisualSonics. These high frequency transducers have 256 elements, which are directly connected to the 256 channels through this adapter.



### UTA 408

The **UTA 408** is available on the Vantage 256 and allows direct connectivity for transducers with up to 256 elements without a multiplexer. The additional contacts provide grounding, digital signal control paths, and more.

The **UTA 408-GE** supports selected probes from General Electric and is available on the Vantage 256 and the Vantage 128.



### UTA 160-DH/32 LEMO

For research and development in materials science and NDT applications, using phased arrays and/or single element transducers, the **UTA 160-DH/32 LEMO** adapter provides 2 Hypertronics 160-pin connectors in addition to 32 single-channel LEMO connectors. This UTA is available on all Vantage systems.



### UTA 1020-MUX

For volume imaging with high-element-count arrays, the **UTA 1024-MUX** adapter provides multi-plexed transmit and receive connectivity for transducers with up to 1024 elements.

## UTA Compatibility by Vantage System

	Vantage 64™	Vantage 64 LE™	Vantage 128™	Vantage 256™
<b>UTA Compatibility</b>				
UTA 260-S		✓	✓	
UTA 260-D		✓	✓	✓
UTA 360				✓
UTA 408				✓
UTA 408-GE		✓*	✓*	✓
UTA 160-DH/32 LEMO	✓	✓	✓	✓
UTA 260-MUX	✓			
UTA 1024-MUX				✓

✓ = purchasable configuration or option. All Vantage systems can be reconfigured or upgraded to additional options. \*Provides support for selected probes from GE

Visualsonics is a registered trademark owned by Fujifilm Sonosite, Inc.  
GE is a registered trademark owned by General Electric Company

