

The Universal Transducer Adapters for NDE/NDT Research

Verasonics' Universal Transducer Adapter (UTA) enables a Vantage user to quickly convert the system to operate transducers with other types of connectors. From single-element connectors for individual transducers, to connectors for phased array transducers with multiple elements, the UTA adapters provide the ultimate flexibility.

Changing from one UTA to another is simple. It requires shutting down the system, loosening 4 screws by hand, removing the UTA, attaching the new UTA, retightening the screws and re-booting the system – this can be accomplished in just a few minutes.

One UTA adapter is included with every Vantage system purchase. Additional adapters are available. Older Vantage systems can be upgraded to the UTA technology.

- Allows for use of transducers with many types of connectors
- Enables use of high-performance, low noise connectors
- Support for novel combinations of transducers
- Easy and fast to change



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

UTA Compatibility by Vantage System

Adapter Name	Vantage 32LE [™]	Vantage 64 [™]	Vantage 64LE [™]	Vantage 128 [™]	Vantage 256 [™]
UTA 128 LEMO			✓	✓	✓
UTA 64 LEMO	✓	✓	✓	✓	✓
UTA 160-DH/32 LEMO	✓	✓	✓	✓	✓
UTA 160-SH/8 LEMO	✓	✓	✓	✓	✓

✓ Purchasable configuration or option. All Vantage systems can be reconfigured or upgraded to additional options.



UTA 128 LEMO

With 128 connectors for single element transducers, the **UTA 128 LEMO** adapter enables comprehensive evaluation and monitoring for large structures. 2 LEMO to BNC adapters are included.



UTA 64 LEMO

The **UTA 64 LEMO** adapter provides direct transmit and/or receive channel connections for up to 64 single element transducers. 2 LEMO to BNC adapters are included.



UTA 160-DH/32 LEMO

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 160-SH/8 LEMO

With a single Hypertronics phased array connector and 8 single-element LEMO connectors, the **UTA 160-SH/8 LEMO** adapter enables a variety of NDE research applications.



UTA 160-SI/8 LEMO

The **UTA 160-SI/8 LEMO** adapter has one I-PEX phased array connector and 8 single-element LEMO connectors. This adapter will be available for shipment in Q4 2018.

