DAKOTA ULTRASONICS

Thickness Gauge Transducers & Accessories

Dual Transducer Reference Chart

Frequency & Diameter Disks

Note: The frequency and crystal diameter are stamped and sorted according to color, as illustrated above.

Special Signatures

Signature	Definition	Purpose
SS	Super Standard	High output transducer for increased sensitivity.
HR	High Resolution	Increased near surface resolution – thin materials (.025” steel).
CT	Coating Enabled	Works in conjunction with CMX series coating feature.
HD	Highly Damped	Increased resolution for through paint/coating measurement.
CPZT	Composite	High output PZT damped crystal – additional gain/penetration

Connector Options (Dual Element)

Potted (Integral)

Microdot

Lemo 00

Note: The Potted and Microdot versions can be either “Top” or “Side” entry configurations. The Lemo connectors are only available in ½” transducer configuration, due to space requirements.

Size Options (Dual Element)

3/16” Version

¼” Version

½” Version

Note: Customs sizes are available upon request.

Dual Element (MX, MMX, MVX, CMX, UMX-2 Gauges Only)

1.0 MHz Dual Element Transducers

Materials used: *Cast iron, * Plastics (polypropylene, polyethylene, etc.), *Fiberglass.

Diameter	Part #	Comments	Connector	Entry	
1/2”	T-004-0000		Potted	Top	
1/2”	T-104-0000		Potted	Side	
1/2”	T-204-0001		Microdot	Top	
1/2”	T-304-0001		Microdot	Side	
1/2”	T-104-0600	Composite	Potted	Side	
1/2"	T-904-0009	High Wear-Armour Cable	Lemo	Side	

Diameter	Range (Steel)	Wearface Diameter	Crystal Diameter
1/2"	.150” to 2.0”	5/8”	1/2"

Note: Additional High Damped & PZT versions are available in the above configurations for an additional charge. These items are custom builds only.

2.25 MHz Dual Element Transducers

Materials used: *Cast iron, * Plastics (polypropylene, polyethylene, etc.), Thin Fiberglass.

Diameter	Part #	Comments	Connector	Entry	
1/4”	T-002-1000		Potted	Top	
1/4”	T-102-1000		Potted	Side	
1/4”	T-202-1001		Microdot	Top	
1/4”	T-302-1001		Microdot	Side	
1/4”	T-042-1000	Hi Temp - 650F	Potted	Top	
1/4”	T-242-1001	Hi Temp - 650F	Microdot	Top	
1/2"	T-004-1000		Potted	Top	
1/2"	T-104-1000		Potted	Side	
1/2"	T-204-1001		Microdot	Top	
1/2"	T-304-1001		Microdot	Side	
1/2"	T-044-1000	Hi Temp - 650F	Potted	Top	
1/2"	T-244-1001	Hi Temp - 650F	Microdot	Top	
1/2”	T-104-1600	Composite	Potted	Side	
1/2"	T-904-1009	High Wear-Armour Cable	Lemo	Side	

Diameter	Range (Steel)	Wearface Diameter	Crystal Diameter
1/4”	.060” to 4.0”	3/8”	1/4”
1/2"	.060” to 5.0”	5/8”	1/2"

Note: Additional High Damped & PZT versions are available in the above configurations for an additional charge. These items are custom builds only.

3.5 MHz Dual Element Transducers

Materials used: *Thru Coating multiple echo, *Cast iron, * Plastics (polypropylene, polyethylene, etc.), Thin Fiberglass.

Diameter	Part #	Comments	Connector	Entry	
1/2”	T-104-9700	HD - Hi Damped	Potted	Side	
1/2"	T-104-9900	CT - Coating Thickness	Potted	Side	

1/2”	T-174-9700	HD-UMX UNDERWATER	Potted	Top	
1/2”	T-074-9906	UMX-2 UNDERWATER	Potted	Top	
1/2"	T-904-9009	High Wear-Armour Cable	Lemo	Side	

Diameter	Mode	Range (Steel)	Wearface Diameter	Crystal Diameter
1/2”	P-E Hi Damped	.100” to 4.0”	5/8”	1/2"
1/2"	E-E (MMX) Hi Damped	.125” to 4.0” Up to .075” of Coating	5/8”	1/2"
1/2"	E-E (MVX) Hi Damped	Adjustable-Large Range	5/8”	1/2"

Note: Additional style configurations for cable entry and connectors available upon request as custom builds only.

5.0 MHz Dual Element Transducers (**Included with gauge unless specified otherwise)

Materials used: *Steels, *Glass, *Thin plastics

Diameter	Part #	Comments	Connector	Entry	
3/16”	T-001-2000		Potted	Top	
3/16”	T-101-2000		Potted	Side	
3/16”	T-101-2700	HD (Hi Damped)	Potted	Side	
3/16”	T-101-2900	CT - Coating Thickness	Potted	Side	
3/16”	T-301-2001		Microdot	Side	
1/4”	T-002-2000		Potted	Top	
1/4”	T-002-2700	HD (Hi Damped)	Potted	Top	
1/4”	T-102-2000	**	Potted	Side	
1/4”	T-102-7000	PZT (Super Standard)	Potted	Side	
1/4”	T-102-2700	HD (Hi Damped)	Potted	Side	
1/4"	T-102-2900	CT - Coating Thickness	Potted	Side	
1/4”	T-202-2001		Microdot	Top	
1/4”	T-302-2001		Microdot	Side	
1/4”	T-302-2701	HD (Hi Damped)	Microdot	Side	
1/4”	T-302-2901	CT - Coating Thickness	Microdot	Side	
1/4”	T-042-2000	Hi Temp - 650F	Potted	Top	
1/4”	T-042-2700	Hi Damp Hi Temp - 650F	Potted	Top	
1/4"	T-212-2001	Hi Temp - 900F	Microdot	Top	
1/4”	T-242-2001	Hi Temp - 650F	Microdot	Top	
1/2"	T-004-2000		Potted	Top	
1/2"	T-104-2000		Potted	Side	
1/2"	T-104-2700	HD (Hi Damped)	Potted	Side	
1/2"	T-104-2900	CT - Coating Thickness	Potted	Side	
1/2"	T-204-2001		Microdot	Top	
1/2"	T-304-2001		Microdot	Side	
1/2"	T-044-2000	Hi Temp - 650F	Potted	Top	
1/2"	T-214-2001	Hi Temp - 900F	Microdot	Top	
1/2"	T-244-2001	Hi Temp - 650F	Microdot	Top	
1/2"	T-044-2700	Hi Damp Hi Temp - 650F	Potted	Top	
1/2"	T-904-2009	High Wear-Armour Cable	Lemo	Side	
1/2"	T-174-2006	UMX Underwater	Potted	Top	

1/2"	T-074-2906	UMX-2 Underwater	Potted	Top	
1/2"	T-074-2006	Underwater - 50 feet	Potted	Top	

Diameter	Mode	Range (Steel)	Wearface Diameter	Crystal Diameter
3/16”	P-E	.040” to 2.0”	1/4”	3/16”
1/4”	P-E	.040” to 6.0”	3/8”	1/4”
1/4”	E-E (MMX) Hi Damped	.100” to 1.0” Up to .040” of Coating	3/8”	1/4”
1/4”	E-E (MVX) Hi Damped	Adjustable - Large Range	3/8”	1/4”
1/4”	P-E Super Std	.040” to 12.0”	3/8”	1/4”
1/4”	E-E (MMX) Super Std	.200” to 1.0”	3/8”	1/4”
1/4”	E-E (MVX) Super Std	Adjustable - Large Range	3/8”	1/4”
1/2”	P-E	.050” to 20.0”	5/8”	1/2"
1/2”	P-E (MVX) Hi Damped	Adjustable - Large Range	5/8”	1/2"

Note: Additional High Damped & PZT versions are available in the above configurations for an additional charge. These items are custom builds only.

7.5 MHz Dual Element Transducers

Materials Used: *Steels, *Aluminum, *Glass, *Thin Plastics

Diameter	Part #	Comments	Connector	Entry	
3/16”	T-001-3000		Potted	Top	
3/16”	T-101-3000		Potted	Side	
3/16”	T-101-3900	CT - Coating Thickness	Potted	Side	
1/4”	T-002-3200	Exxon Specification	Potted	Top	
1/4”	T-102-3200	Exxon Specification	Potted	Side	
1/4”	T-202-3201	Exxon Specification	Microdot	Top	
1/4”	T-302-3201	Exxon Specification	Microdot	Side	
1/4”	T-002-3300	Extra Resolution	Potted	Top	
1/4”	T-102-3300	Extra Resolution	Potted	Side	
1/4”	T-102-3700	Hi Damped	Potted	Side	
1/4"	T-102-3900	CT - Coating Thickness	Potted	Side	
1/4”	T-202-3301	Extra Resolution	Microdot	Top	
1/4”	T-302-3301	Extra Resolution	Microdot	Side	

Diameter	Mode	Range (Steel)	Wearface Diameter	Crystal Diameter
3/16”	P-E	.040” to 2.0”	1/4”	3/16”
1/4”	P-E Exxon	.040” to 6.0”	3/8”	1/4"
1/4”	P-E Extra Res	.025” to 6.0”	3/8”	1/4"
1/4”	E-E (MMX) Hi Damped	.200” to 1.0”(steel) .100” to 1.0 (Alum)	3/8”	1/4"
1/4”	E-E (MVX) Hi Damped	Adjustable – Large Range	3/8”	1/4"

Note: Additional High Damped versions are available in the above configurations for an additional charge. These items are custom builds only.

10.0 MHz Dual Element Transducers

Materials Used: *Aluminum, *Titanium, *Steels

Diameter	Part #	Comments	Connector	Entry	
3/16”	T-101-4000		Potted	Side	
3/16”	T-001-4000		Potted	Top	
1/4”	T-002-4000		Potted	Top	
1/4”	T-102-4000		Potted	Side	
1/4”	T-202-4001		Microdot	Top	
1/4”	T-302-4001		Microdot	Side	
1/2”	T-004-4000		Potted	Top	
1/2”	T-104-4000		Potted	Side	
1/2”	T-204-4001		Microdot	Top	
1/2”	T-304-4001		Microdot	Side	

Diameter	Mode	Range (Steel)	Wearface Diameter	Crystal Diameter
3/16”	P-E	.040” to 2.0”	1/4”	3/16”
1/4”	P-E	.040” to 6.0”	3/8”	1/4"
1/2”	P-E	.050” to 10.0”	5/8”	1/2"

Note: Additional High Damped versions are available in the above configurations for an additional charge. These items are custom builds only.

Single Element Delay-Line (PX & PVX Gauges Only)

Single Element Delay Line Transducers (**15MHz is Included with gauge unless specified otherwise)

Materials Used: *Aluminum, *Titanium, *Steels, *Thin Plastics

Diameter	MHz	Part #	Comments	Connector	Entry	
1/4”	15	T-402-5507	**Standard	Microdot	Side	
1/4”	20	T-402-6507		Microdot	Side	

PX Series – Measurement Range

Note: Acrylic delay tips will measure plastics if the material velocity is different from that of acrylic. If the velocities are similar, a graphite tip will need to be used. Measurement ranges in plastics will vary depending on the type of plastic measured.

Diameter	MHz	Mode	Range (ST=Steel) (PL=Plastic)	Delay Tip Part #	Delay Tip Length	Delay Tip Diameter	Crystal Diameter
3/16”	15	E-E	.006” to .400” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	15	I-E	.060” to .750” ST	X-532-0000	3/8”	3/16”	3/16”

3/16”	15	E-E	.010” to .100” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	15	I-E	.060” to .500” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	15	PLAS	.005” to .150” PL	X-533-0000	3/8”	3/16”	3/16”
1/4”	15	E-E	.006” to .400” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	15	I-E	.060” to 1.00” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	15	I-E	.005” to .250” PL	X-241-0000	1/2”	1/4”	1/4”
1/4”	15	E-E	.010” to .100” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	15	I-E	.060” to 1.00” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	15	PLAS	.005” to .150” PL	X-633-0000	3/8”	1/4”	1/4”
3/16”	20	E-E	.006” to .400” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	20	I-E	.060” to .750” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	20	E-E	.015” to .100” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	20	I-E	.060” to .500” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	20	PLAS	.005” to .150” PL	X-533-0000	3/8”	3/16”	3/16”
1/4”	20	E-E	.006” to .400” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	20	I-E	.060” to .750” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	20	I-E	.005” to .250” PL	X-241-0000	1/2”	1/4”	1/4”
1/4”	20	E-E	.040” to .100” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	20	I-E	.060” to .500” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	20	PLAS	.005” to .150” PL	X-633-0000	3/8”	1/4”	1/4”

Note: Ranges were determined using standard 4340 steel calibration standards, and common plastic samples. These ranges may vary according to material type differences and surface conditions.

Single Element Delay-Line (PX & PVX Gauges Only) – Continued

PVX A/B SCOPE– Measurement Range

Note: Acrylic delay tips will measure plastics if the material velocity is different from that of acrylic. If the velocities are similar, a graphite tip will need to be used. Measurement ranges in plastics will vary depending on the type of plastic measured.

Diameter	MHz	Mode	Range (ST=Steel) (PL=Plastic)	Delay Tip Part #	Delay Tip Length	Delay Tip Diameter	Crystal Diameter
1/8”	15	E-E	.007” to .300” ST	X-132-0000	3/8”	1/8”	1/8”
1/8”	15	I-E	.020” to .400” ST	X-132-0000	3/8”	1/8”	1/8”
1/8”	15	I-E	.005” to .100” L	X-132-0000	3/8”	1/8”	1/8”
3/16”	15	E-E	.007” to .400” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	15	I-E	.020” to .500” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	15	I-E	.010” to .200” PL	X-532-0000	3/8”	3/16”	3/16”
3/16”	15	E-E	.010” to .500” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	15	I-E	.020” to .500” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	15	I-E	.005” to .200” PL	X-533-0000	3/8”	3/16”	3/16”
1/4”	15	E-E	.006” to .500” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	15	I-E	.025” to 1.00” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	15	I-E	.005” to .150”	X-241-0000	1/2”	1/4”	1/4”
1/4”	15	E-E	.010” to .500” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	15	I-E	.020” to .500” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	15	I-E	.005” to .250” PL	X-633-0000	3/8”	1/4”	1/4”
3/16”	20	E-E	.006” to .400” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	20	I-E	.060” to .750” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	20	E-E	.015” to .100” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	20	I-E	.060” to .500” ST	X-533-0000	3/8”	3/16”	3/16”
3/16”	20	PLAS	.005” to .150” PL	X-533-0000	3/8”	3/16”	3/16”

1/4”	20	E-E	.006” to .400” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	20	I-E	.060” to .750” ST	X-241-0000	1/2”	1/4”	1/4”
1/4”	20	I-E	.005” to .250” PL	X-241-0000	1/2”	1/4”	1/4”
1/4”	20	E-E	.040” to .100” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	20	I-E	.060” to .500” ST	X-633-0000	3/8”	1/4”	1/4”
1/4”	20	PLAS	.005” to .150” PL	X-633-0000	3/8”	1/4”	1/4”

Note: Ranges were determined using standard 4340 steel calibration standards, and common plastic samples. These ranges may vary according to material type differences and surface conditions.

Single Element Delay Line Pencil Transducers

Materials Used: *Aluminum, *Titanium, *Steels, *Thin Plastics

Diameter	MHz	Part #	Comments	Connector	Entry	
3/16”	10	T-481-4507	1/16” Tip	Microdot	Top	
3/16”	10	T-681-4507	90° Right Angle	Microdot	Side	

PVX A/B SCOPE– Measurement Range

Note: Acrylic delay tips will measure plastics if the material velocity is different from that of acrylic. If the velocities are similar, a graphite tip will need to be used. Measurement ranges in plastics will vary depending on the type of plastic measured.

Diameter	MHz	Mode	Range (ST=Steel) (PL=Plastic)	Delay Tip Part #	Delay Tip Length	Delay Tip Diameter	Crystal Diameter
3/16”	10	E-E	.006” to .200” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	10	I-E	.025” to .500” ST	X-532-0000	3/8”	3/16”	3/16”
3/16”	10	E-E	.005” to .100 PL	X-152-0000	3/8”	1/16”	3/16”
3/16”	10	I-E	.005” to .150” PL	X-752-0000	3/8”	1/8”	3/16”

Note: Note: Ranges were determined using standard 4340 steel calibration standards, and common plastic samples. These ranges may vary according to material type differences and surface conditions.

Single Element Contact Transducers - (cable not included)

Materials Used: *Aluminum, *Titanium, *Steels, *Plastics

Diameter	MHz	Part #	Comments	Connector	Entry	
1/8”	5	T-4903-2875		Microdot	Side	
1/8”	10	T-4903-4875		Microdot	Side	
1/4”	2.25	T-4023-1855		Microdot	Side	
1/4"	5	T-4023-2855		Microdot	Side	
1/4”	10	T-4023-4855		Microdot	Side	
1/2"	2.25	T-4043-1855		Microdot	Side	
1/2"	5	T-4043-2855		Microdot	Side	

PVX A/B SCOPE– Measurement Range

Note: Ranges were determined using standard 4340 steel calibration standards, and common plastic samples . These ranges may vary according to material type differences and surface conditions.

Diameter	MHz	Mode	Range (ST=Steel) (PL=Plastic)	Wearface Diameter	Crystal Diameter
1/8”	5	P-E	.040” to 3.0” ST	1/4”	1/8”
1/8”	5	E-E	.020” to 3.0” ST	1/4”	1/8”
1/8”	5	P-E	.020” to .500” PL	1/4”	1/8”
1/8”	10	P-E	.040” to 3.0” ST	1/4”	1/8”
1/8”	10	E-E	.010” to 3.0” ST	1/4”	1/8”
1/8”	10	P-E	.020” to .400” PL	1/4”	1/8”
1/4”	2.25	P-E	.050” to 3.0” ST	3/8”	1/4”
1/4”	2.25	E-E	.040” to 3.0” ST	3/8”	1/4”
1/4”	2.25	P-E	.040” to .650” PL	3/8”	1/4”
1/4”	5	P-E	.040” to 6.0” ST	3/8”	1/4”
1/4”	5	E-E	.020” to 3.0” ST	3/8”	1/4”
1/4”	5	P-E	.025” to .600” PL	3/8”	1/4”
1/4”	10	P-E	.025” to 6.0” ST	3/8”	1/4”
1/4”	10	E-E	.010” to 3.0” ST	3/8”	1/4”
1/4”	10	P-E	.020” to .500” PL	3/8”	1/4”
1/2”	2.25	P-E	.075” to 10.0” ST	5/8”	1/2”
1/2”	2.25	E-E	.100” to 3.0” ST	5/8”	1/2”
1/2”	2.25	P-E	.065” to .750” PL	5/8”	1/2”

Single Element Membrane Transducers - (UMX-2 Underwater)

Materials Used: *Aluminum, *Titanium, *Steels

Diameter	MHz	Part #	Comments	Connector	Entry	
1/2”	2.25	T-9441-1809	Underwater Membrane	Lemo UW	Top	
1/2”	5	T-9441-2809	Underwater Membrane	Lemo UW	Top	

UMX-2 (Measurement Range)

Note: Ranges were determined using standard 4340 steel calibration standards, and common plastic samples . These ranges may vary according to material type differences and surface conditions.

Diameter	MHz	Mode	Range (ST=Steel)	Wearface Diameter	Crystal Diameter
1/2”	2.25	E-E-E	.075” to 10.0” ST	1.0”	1/2”
1/2”	5	E-E-E	.040” to 6.0” ST	1.0”	1/2”

Accessory Items

Instrument & Carrying Cases

Part #	Description	Comments	
F-100-0004	DX-1 Nylon Instrument Case		
F-101-0001	DX-2/DL Nylon Instrument Case		
F-112-0005	MX & PX Series Nylon Case		
F-149-0001	MVX, PVX, MMX-7 Instrument Case		
F-206-0003	THOR Instrument Case		
F-185-0001	UMX-2 Wrist Strap & Safety Cable		
A-100-6002	Plastic Carrying Brief Case	Small Gauges	
A-100-6003	Plastic Carrying Brief Case	Large Gauges	

Transducer Cables

Lemo 00 M	Lemo 00 F	Microdot	BNC

Part #	Description	Comments	
N-104-0020	4’ Single Lemo 00 to Microdot	PX, PVX, CMX	
N-104-0070	4’ Single Lemo 00 to BNC	PVX, CMX	
N-104-0000	4’ Single Lemo 00 to Lemo 00	PVX, CMX	
N-104-2990	4’ Single Lemo UW to Lemo UW	UMX-2	
N-104-0021	4’ Dual Lemo to Microdot Single	MVX-Flaw Cable	
N-204-0020	4’ Dual Lemo to Microdot	MVX, MMX, MX	
N-204-0000	4’ Dual Lemo to Lemo	All M & C series	
N-204-1000	4’ Dual Lemo to Lemo (Armored)	MVX, MMX, MX	
N-204-1020	4’ Dual Lemo to Microdot	Hi Temp Armored	
Custom	Underwater cables	MVX, MX	

Couplant

Part #	Description	Comments	
V-000-0001	4 oz bottle		
V-000-0003	12 oz bottle		
V-000-0004	1 gallon		
V-000-0002	2 oz tube (High Temp – 650F)		
V-000-0006	2 oz tube (High Temp – 900F)		
V-000-0007	Underwater Gasket Lubricant – 6g	UMX & UMX-2	
A-185-0001	O-Ring kit (1-lubricant, 2-gaskets)	UMX-2	

Calibration Blocks

Part #	Description	Mat’l Type	
X-000-0001	5 Step - .100” to .500”	4340 Steel	

X-000-0002	4 Step - .250 to 1.0”	4340 Steel	
Custom	5 Step - .100” to .500”	7075 Aluminum	
Custom	4 Step - .250 to 1.0”	7075 Aluminum	
Custom	5 Step - .100” to .500”	304 Stainless Steel	
Custom	4 Step - .250 to 1.0”	304 Stainless Steel	
Custom	5 Step - .100” to .500”	Titanium	
Custom	4 Step - .250 to 1.0”	Titanium	
X-000-0005	Carrying case	Wood	
Custom	10 Step - .100” to 1.0”	1018 Steel	
Custom	10 Step - .100” to 1.0”	7075 Aluminum	
Custom	10 Step - .100” to 1.0”	304 Stainless Steel	
Custom	10 Step - .100” to 1.0”	Titanium	
Custom	Carrying Case	Wood	
Custom	4 Step Thin - .04” - .100”	1018 Steel	
Custom	4 Step Thin - .04” - .100”	7075 Aluminum	
Custom	4 Step Thin - .04” - .100”	304 Stainless Steel	
Custom	4 Step Thin - .04” - .100”	Titanium	
Custom	Carrying Case	Wood	
Custom	10 Step Metric – 2 to 20 mm	1018 Steel	
Custom	10 Step Metric – 2 to 20 mm	7075 Aluminum	
Custom	10 Step Metric – 2 to 20 mm	304 Stainless Steel	
Custom	10 Step Metric – 2 to 20 mm	Titanium	
Custom	Carrying Case	Wood	
Custom	10 Step Metric – 2.5 to 25 mm	1018 Steel	
Custom	10 Step Metric – 2.5 to 25 mm	7075 Aluminum	
Custom	10 Step Metric – 2.5 to 25 mm	304 Stainless Steel	
Custom	10 Step Metric – 2.5 to 25 mm	Titanium	
Custom	Carrying Case	Wood	
Custom	8 Step Metric – 1 to 8 mm	1018 Steel	
Custom	8 Step Metric – 1 to 8 mm	7075 Aluminum	
Custom	8 Step Metric – 1 to 8 mm	304 Stainless Steel	
Custom	8 Step Metric – 1 to 8 mm	Titanium	
Custom	Carrying Case	Wood	

Delay Tips - Delay Line Transducer Accessories

Part #	Description	Comments	
X-231-0000	1/4" Dia. x 3/8" L Delay Tips	Acrylic	
X-241-0000	1/4" Dia. x 1/2" L Delay Tips	Acrylic	
X-132-0000	1/8" Cone Tip Delay Line	Acrylic	
X-532-0000	3/16" Cone Tip Delay Line	Acrylic	
X-633-0000	1/4" Graphite Tip Delay (plastics)	Graphite	
X-533-0000	3/16” Graphite Cone Tip Delay Line	Graphite	
X-152-0000	1/16” Dia. x .450 L Delay Tip (Pencil)	Acrylic	
X-752-0000	1/8” Dia. x .450 L Delay Tip (Pencil)	Acrylic	

Misc. Accessories

Part #	Description	Comments	
F-000-7001	Bell Shaped Spring Loaded Probe Holder (V-Block)	Std Can Style Probes Only	
A-129-6003	6” Extension Wand for Single Element Microdot Transducers		
F-000-7053	Replaceable Membrane Pack (Qty 5)		

Data Cables

Part #	Description	Comments	
N-306-0010	6 foot RS232 (DB-9 to Lemo)		
N-406-0350	6 foot RS232 (DB-9 M/F)	THOR only	
N-402-0510	USB to Serial Adapter		

Line Power Adapters

Part #	Description	Comments	
N-006-0240	110 – 220 VAC to 12 VDC	THOR only	
N-506-0060	Universal Power Cord	THOR only	

Software & Data CD

Part #	Description	Comments	
A-206-7001	DakView3 & Manuals (.pdf)	All gauges	