



# DAKOTA ULTRASONICS

## Ultrasonic Bolting Equipment, Transducers & Accessories - Price List

Date: 01/01/10

Models:	Comments	Part #	Price US
<b>Mini-Max</b> 	Without Temperature Connector – External temperature source used, or user will be measuring fasteners one time only.	Z-156-0001	\$3025.00
<b>Mini-Max</b> 	Temperature Connector – Included only with the purchase of a temperature sensor pt# A-156-8001.	Z-156-0002	\$3025.00
<b>Includes:</b>	Unit, 3 AA Batteries, 4 oz. Bottle of Couplant, RS232 Transfer Cable Lemo to DB9, USB converter cable to DB9, Carrying Case, 10' Lemo to Microdot Transducer cable, PC Utility Software, Operation Manual and Certification.		

### Non-Magnetic Single Element Contact Transducers



**Fastener Material Types:** All metals

**Note:** Side or Top entry connector option available

Diameter	Part #	MHz	Comments	Connector	Entry	Price \$
1/8"	T-600-2405	5		Microdot	Top	350.00
1/8"	T-600-4405	10		Microdot	Top	380.00
1/4"	T-602-1405	2.25		Microdot	Top	300.00
1/4"	T-602-2405	5		Microdot	Top	300.00
1/4"	T-602-4405	10		Microdot	Top	325.00
1/2"	T-604-1405	2.25		Microdot	Top	300.00
1/2"	T-604-2405	5		Microdot	Top	300.00

Diameter Reference	Comments	Wearface Diameter	Crystal Diameter
1/8"		.230"	1/8"
1/4"		.355"	1/4"
1/2"		.605"	1/2"

**Note:** Other configurations, connectors, and styles available upon request for an additional charge. These items are custom builds only.

DAKOTA ULTRASONICS

1500 Green Hills Road, #107 Scotts Valley, CA 95066

Phone: (831) 431-9722 Fax: (831) 431-9723 www.dakotaultrasonics.com

Prices subject to change without notice: please call for an updated price list.

**Magnetic Single Element Contact Transducers**



**Fastener Material Types:** All metals

Diameter	Part #	MHz	Comments	Connector	Entry	Price \$
1/8"	T-700-2405	5		Microdot	Top	745.00
1/8"	T-700-4405	10		Microdot	Top	745.00
1/4"	T-702-1405	2.25		Microdot	Top	765.00
1/4"	T-702-2405	5		Microdot	Top	765.00
1/4"	T-702-4405	10		Microdot	Top	765.00
3/8"	T-703-1405	2.25		Microdot	Top	775.00
3/8"	T-703-2405	5		Microdot	Top	775.00
1/2"	T-704-1405	2.25		Microdot	Top	785.00
1/2"	T-704-2405	5		Microdot	Top	785.00
3/4"	T-706-1405	2.25		Microdot	Top	840.00
3/4"	T-706-2405	5		Microdot	Top	840.00

Diameter Reference	Comments	Outside Diameter	Wearface Diameter	Crystal Diameter
1/8"		.380"	.200"	.125"
1/4"		.750"	.320"	.250"
3/8"		.810"	.470"	.375"
1/2"		1.00"	.630"	.500"
3/4"		1.21"	.820"	.750"

**Note:** Other configurations, connectors, and styles available upon request for an additional charge. These items are custom builds only.

**Accessory Items**

**Instrument & Carrying Cases**




**DAKOTA ULTRASONICS**


1500 Green Hills Road, #107 Scotts Valley, CA 95066

Phone: (831) 431-9722 Fax: (831) 431-9723 [www.dakotaultrasonics.com](http://www.dakotaultrasonics.com)

Prices subject to change without notice: please call for an updated price list.


Part #	Description	Comments	Price \$
F-149-0001	MINI-MAX Instrument Case		75.00
E-200-0002	MAX Instrument Case		180.00
A-100-6002	Plastic Carrying Brief Case	All Models	35.00
E-206-0001	Plastic Carrying Case	MAX only	70.00
E-206-0002	Plastic Carrying Case – Deluxe	MAX	180.00

Transducer Cables			
			
	Lemo 00 M	Lemo 00 F	Microdot
Part #	Description	Comments	Price \$
N-110-0020	10' Single Lemo to Microdot	MAX & MINI-MAX	120.00
N-120-0020	20' Single Lemo to Micodot Single	MAX & MINI-MAX	130.00
N-320-0000	20' Lemo to Lemo	MINI-MAX	160.00
Custom	All Configurations	MAX & MINI-MAX	Call

Couplant			
			
Part #	Description	Comments	Price \$
V-000-0001	4 oz bottle		10.00
V-000-0003	12 oz bottle		20.00
V-000-0004	1 gallon		100.00
V-000-0002	2 oz tube (High Temp)		37.00

Calibration Blocks			
			
Part #	Description	Mat'l Type	Price \$
X-000-0008	Glass Calibration block (1", 2", & 3")	Glass	Call
X-000-0011	3" Steel Calibration Bar	4340 Steel	250.00
X-000-0010	3" & 6" Steel Calibration Bars	4340 Steel	495.00

<b>Operation Manuals</b>			
<b>Part #</b>	<b>Description</b>	<b>Comments</b>	<b>Price \$</b>
P-200-0002	Operation Manual (MAX)		20.00
P-156-0002	Operation Manual (MINI-MAX)		20.00

<b>Misc. Accessories</b>			
			
<b>Part #</b>	<b>Description</b>	<b>Comments</b>	<b>Price \$</b>
A-167-5002	Shut Off Box (control a pump w/Mini-Max)		525.00

<b>Data Cables &amp; Power Adapters</b>			
<b>Part #</b>	<b>Description</b>	<b>Comments</b>	<b>Price \$</b>
N-306-0010	6 foot RS232 ( DB-9 to lemo )	MINI-MAX	105.00
N-406-0350	6 foot RS232 ( DB-9 M/F )	MAX	30.00
N-402-0510	USB to Serial Adapter		25.00

<b>Line Power Adapters</b>			
<b>Part #</b>	<b>Description</b>	<b>Comments</b>	<b>Price \$</b>
N-006-0240	110 – 220 VAC to 12 VDC	MAX	50.00
N-506-0060	Universal Power Cord	MAX	10.00

<b>Temperature Sensors</b>			
<b>Part #</b>	<b>Description</b>	<b>Comments</b>	<b>Price \$</b>
A-156-8001	Temperature Sensor w/6' cable (MINI-MAX)	MINI-MAX	495.00
A-205-8001	Temperature Sensor w/6' cable (MAX)	MAX	495.00

<b>Software &amp; Data CD</b>			
<b>Part #</b>	<b>Description</b>	<b>Comments</b>	<b>Price \$</b>
A-156-7001	MINI-MAXview Software & Manual CD	MINI-MAX	30.00
A-205-0001	MAXutils Software & Manual CD	MAX	30.00



# Transducer Diagrams

1/8" Magnetic	1/4" Magnetic	3/8" Magnetic
<p>Side view: 0.50</p> <p>End view: 0.20, 0.38</p>	<p>Side view: 0.75</p> <p>End view: 0.32, 0.72, 0.75</p>	<p>Side view: 0.75</p> <p>End view: 0.47, 0.79, 0.81</p>
1/2" Magnetic	3/4" Magnetic	
<p>Side view: 0.75</p> <p>End view: 0.63, 0.97, 1.00</p>	<p>Side view: 0.75</p> <p>End view: 0.82, 1.16, 1.21</p>	