

Manufacturer of Ultrasonic Cylinder and
Modal Acoustic Emission Test Equipment

MAE PRICELIST

Test and Measurement Products Price List
UT & AE Systems and Accessories
Prices Effective January 1, 2012



Modal Acoustic Emission (MAE) Turnkey Systems

- Turnkey Systems Come with:
- Desktop Computer(lunchbox model available for additional fee)
 - WaveExplorerTM Software(FM1)(FMT includes TubeCheck Software in addition)
 - Choice of sensors: B-1025/variants or B-225/variants
 - Choice of pre-amp: PA-0 or PA-20 (if not getting the B-225.5IPP with built-in pre-amp)
 - Choice of 3', 6' or 9' microdot cables (if not getting the B-225.5IPP w/ built-in pre-amp)
 - Choice of 6', 12', 24' or 50' or 100' BNC cables
 - Our MAE customer service department can help you define your system based on your need.

Product ID	Description	Price
FM1-04	4 Channel, 20 Mhz, 16-bit FM-1	\$39,900
FM1-08	8 Channel, 20 Mhz, 16-bit FM-1	\$46,900
FM1-16	16 Channel, 20 Mhz, 16-bit FM-1	\$63,900
FM1-32	32 Channel, 20 Mhz, 16-bit FM-1	\$109,900
	**Note: Provides full control of gains and filters. Used for composite vessel testing And lab work.	
FMT-16	16 Channel, 20Mhz, 16 Bit FMT	\$59,900
FMT-32	32 Channel, 20Mhz, 16 Bit FMT	\$84,900
FMT-48	48 Channel, 20Mhz, 16 Bit FMT	\$134,900
FMT-64	64 Channel, 20Mhz, 16 Bit FMT	\$159,900
	**Note: FMT systems have fixed gains and filters. Used only for ASME metal Pressure vessel testing.	
FML	Lunchbox Computer Configuration Upgrade Instead of Desktop (FM or FMT)	\$8,000

Ultrasonic VLFUT Turnkey System

Model 4100	Very Low Frequency Ultrasonic (VLF-UT) Analyzer Note: Includes UTA 3000R	\$39,200
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Ultrasonic Instruments and Accessories

UTA 3000	Ultrasonic Amplifier	\$9,500
UTA 3000R	Ultrasonic Amplifier w/ receiver card	\$12,000

All Prices and Specs are subject to change without warning.

Modal AE Software

Product ID	Description	Price
SOFT 1	WaveExplorer™ and Spherical/Cylindrical Source Location™ Integrated Package	\$15,500
SOFT 2	WaveExplorer™ and Spherical/Cylindrical Source Location™ Integrated Package (Upgrade)	\$8,000
SOFT 3	Tube-Chek 2D™	\$8,000
SOFT 4	WaveExplorer™ Windows 7 upgrade for analysis only	\$4,000

AE System Components**Signal Conditioning**

FM1 16 ENC	16 Channel chassis only (add required signal channel plug-ins below)	\$3,600
FM1 8 ENC	8 Channel chassis only (add required signal channel plug-ins below)	\$2,400
FM1 REC -1	Signal Channel plug-in for FM-1 chassis (lower BNC)	\$1,450
FM1 REC -2	Signal Channel plug-in for FM-1 chassis (upper BNC)	\$1,450
FM1 CONT	FM-1 Controller Card (one per 8 channels required)	\$950
FMT 20 ENC	20 Channel chassis only (add required signal channel plug-ins below)	\$3,600
FMT 48 ENC	48 Channel chassis only (add required signal channel plug-ins below)	\$5,200
FMT REC	4 Four Channel signal channel plug-in for FMT enclosure	\$1,450

Preamplifiers

PA-0	Preamplifier, 0 dB Gain	\$250
PA-20	Preamplifier, 20 dB Gain	\$250

Sensors

B-1025	Sensor, Broadband, 0.5" housing, 100kHz - 3MHz, .365" dia., Microdot	\$595
B-1025T	Sensor, Broadband, 1" housing, threaded on both ends, 100kHz - 3MHz, .365" dia., Microdot	\$595
B-1025TT	Sensor, Broadband, 1" housing, threaded on both ends, 100kHz - 3MHz, .365" dia., Microdot, Top Mounted Sensor	\$645
B-1025MCX	Sensor, Broadband, 0.5" housing, 100kHz - 3MHz, .365" dia., Microdot, MCX connector.	\$695
B-225	Sensor, Broadband, 50-400 kHz, .365" dia., Microdot	\$595
B-225T	Sensor, Broadband, 50-400 kHz, .365" dia., Microdot, Top Mounted Sensor	\$645
B-225.5	Sensor, Broadband, 50-400 kHz, .500" dia., Microdot	\$695
B-225.5MCX	Sensor, Broadband, 50-400 kHz, .500" dia., MCX connector	\$695
B-225.5-IPP	Sensor, Broadband, Integral 20dB Preamp, 50-400 kHz, .500" dia., BNC	\$845

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AE System Components Cont.

Product ID	Description	Price
Sensor Accessories		
B2255MH	Magnetic Holder, B225.5	\$85
B2255IPPMH	Magnetic Holder, B225.5-IPP	\$95

Data Recording Systems

PDRS-8	Desktop Computer with 8 Channels (software not included)	\$24,000
PDRS-16	Desktop Computer with 16 Channels (software not included)	\$30,000
PDRS-32	Desktop Computer with 32 Channels (software not included)	\$54,000
PDRSLB	Desktop Computer Lunchbox configuration upgrade	\$8,000

Cables

SM-10003	Cable, Sensor, Low Noise, 3' long, BNC to Microdot	\$65
SM-10006	Cable, Sensor, Low Noise, 6' long, BNC to Microdot	\$85
SM-10009	Cable, Sensor, Low Noise, 9' long, BNC to Microdot	\$105
SM-100XX	Cable, Sensor, Low Noise, BNC to Right Angle Microdot (Special order, call for pricing)	
SG-10006	Cable, Signal, 6' long, BNC to BNC	\$25
SG-10012	Cable, Signal, 12' long, BNC to BNC	\$30
SG-10024	Cable, Signal, 24' long, BNC to BNC	\$45
SG-10050	Cable, Signal, 50' long, BNC to BNC	\$60
SG-10100	Cable, Signal, 100' long, BNC to BNC	\$110
DD-1008	Cable, 8 Channel D-Sub to D-Sub	\$330
DD-1016	Cable, 16 Channel D-Sub to D-Sub	\$660
DD-1032	Cable, 32 Channel D-Sub to D-Sub	\$1,320
BC-1004	Cable, 4 Channel BNC to D-Sub	\$295
BC-1008	Cable, 8 Channel BNC to D-Sub	\$330
BC-1016	Cable, 16 Channel BNC to D-Sub	\$660
BC-1032	Cable, 32 Channel BNC to D-Sub	\$1,320
PC-10004	Cable, Parametric D-Sub to D-Sub	\$250
PCT-10004	Cable, Parametric D-Sub to BNC plus 9-pin FMT/AST Connection	\$325
BCS-1008	Cable, 8 Channel SMB to D-Sub (for 2012t systems)	\$330
BCS-1016	Cable, 16 Channel SMB to D-Sub (for 2012t systems)	\$660
BCS-1032	Cable, 32 Channel SMB to D-Sub (for 2012t systems)	\$1,320

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Consulting and Service Rates

PhD. Consulting Hourly Rate	\$295
Software Development Hourly Rate	\$225
Level II Technician for Field Testing (less than one week)	\$125
Data Analysis for Tube Testing (Per Tube)	\$500
Modal AE Training Class, per person at Digital Wave	\$1,500
Modal AE Training Class, per person at customer site, plus expenses	\$1,800
Hardware Repair Service Technician Hourly Rate	\$110
AE System Calibration - Per Channel	\$150

Shipping Cases & Accessories

CC FM HW	UTA 3000, 8 Channel FM-1, 16 Channel FMT	\$670
CC PC	Lunchbox Computer Shipping Case	\$1,050
CC FM FW	Full width FM-1 or FMT Shipping Case	\$1,150
VG-150	High Vacuum Grease, 150g (5.3oz) tube	\$39
DWA300-2H	Pentel 2H, 0.3mm pencil lead, box of 12 tubes, 12 lead sticks per tube	\$45

(Shipping Cases are Black Resin or Casetech™ with carrying handles, pull handle, edge casters and lifetime warranty.
All cases have a 4 week lead time)

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