

5/10/10

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Major Instrumentation

Description	Serial Number	Photo	Date Purc.	Quantity	Cost per Unit	Total Cost	Present Value
MicroAge Pentium Processor Desktop Computer with Windows 98 SE 64 MB Ram 40 GB Hard Drive	016965					\$ 0.00	
Gage Compuscope 265-1M High Speed Digitizing Board			03/24/98	1	\$3,900.00	\$3,990.00	
Compuscope Labview Development Kit			10/12/01		\$500.00	\$500.00	
Canon S600 Printer	K10198					\$ 0.00	
Gage 2125-256 MHz AD board in PC Computer						\$ 0.00	
Panametrics 5072 P/R Ultrasonic Pulser receiver	9804550 4		04/17/98	1	\$2547.99	\$2,547.99	
Panametrics 5676 Preamplifier	9818602		03/25/98	1	\$763.00	\$ 763.00	
Toshiba Tecra 8000 Laptop with Pentium II Processor, 1 Hard Drive Designated to acquire Temperature Measurements 1 2GB Hard Drive Designated to acquire Strain Measurements							
Toshiba Dock Station V Plus Model PA2710V	0964556 0						
National Instruments PCI-6023E Multifunction Board and SC-2043 Accessory fitted in docking station and laptop computer for Strain Gauge Instrumentation							
National Instruments 4350 PCMIA Thermocouple Pod for use with docking station							
Labview 6.1 Prof. Development Version	J12X978		03/04/03	1	\$1853.12	\$1853.12	

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National Instruments CA-100 Configurable Connector Accessory Enclosure	185257A -01						
National Instruments Advanced Analysis Package			06/16/99		\$1000.00	\$1000.00	
Acer Laptop							
SolidWorks 2008							
SolidWorks 2007 Student Edition	0020000 4919054 25						
Ultrasonic and NDE library dating back to 1960's							
Group Total						\$10,654.11	

Test Equipment

Description	Serial Number	Photo	Date Purc.	Quantity	Cost per Unit	Total Cost	Present Value
2 RAM-PAC RC-5-L-.5S 5 Ton Rated Capacity 10,050 Rated Pressure	991207 981106		05/01/98	2	\$126.57	\$ 253.14	
RAM-PAC RC-5-LP-.5S 5 Ton Rated Capacity 10,050 Rated Pressure	070898			1	\$126.57	\$ 126.57	
Pelouze Model SP5 Scale				1	\$30.00	\$ 30.00	
Pelouze Model Y50 Scale				1	\$30.00	\$ 30.00	
Power Team P55 Model B Pump 10,000 PSI	0503AA2 216			1	\$180.00	\$180.00	
Simplex CE96 Pump	89393		03/19/99	1	\$180.00	\$180.00	
Richard Dudgeon Model 4A101 Hydrostatic Test Pump 10,000 PSI	3876			1			
Dremel MultiPro Model 770 T2	F013 7700 03						
Craftsman 5 Drawer Workbench (unassembled)			03/21/99	1	\$192.99	\$192.99	
Steel Letter & Number Stamp Set			07/06/98	1	\$60.00	\$60.00	
Starrett Combination Square							
Misc Thermocouple probes			01/07/04	3	\$15.00	\$45.00	
Fluke Multimeter & Thermocouple Adapter	8389010 5		02/04/04		\$167.74	\$167.74	
Magnetic Base for setup			03/09/98		\$179.50	\$179.50	
Vernier Caliper			03/17/99		\$78.35	\$78.35	
Group Total						\$1,444.94	

Specialty Equipment

Description	Serial Number	Photo	Date Purc.	Quantity	Cost per Unit	Total Cost	Present Value
Tensile load fixture, 20,000 lbs capacity							
Steel pressure vessel with welded end caps for ultrasonic stress/velocity research							
Ultrasonic goniometer for precision velocity measurements							

Ultrasonic Transducers & Connectors

Description	Serial Number	Photo	Date Purc.	Quantity	Cost per Unit	Total Cost	Present Value
LCR Ultrasonic Probe							
Aerotech Long/Normal Ultrasonic Probe 5MHz .25 in. Part B19835	BMV864						
Aerotech Long/Normal Ultrasonic Probe 2.25MHz .25 in. Part B01839	BW853						
Aerotech Long/Normal Ultrasonic Probe 5MHz 1 in. Part A15814	B&W862						
Aerotech Long/Normal Ultrasonic Probe 5MHz .75 in. Part B11843	B&W865						
Aerotech Long/Normal Ultrasonic Probe 2.25MHz 1 in. Part M04749	B&W855						
Aerotech Long/Normal Ultrasonic Probe 2.25MHz .75 in. Part M21724	B&W856						
3 Panametrics Long/Delay Ultrasonic Probe 10MHz .25in. Part V202	305157,61 296631		09/21/01	2	\$392.00	\$ 784.00	
Panametrics Long/Delay Ultrasonic Probe 20MHz .25in. Part V222BC	237280		06/11/97		\$764.00	\$764.00	
Panametrics Long/Delay Ultrasonic Probe 20MHz .25in. Part M2017	285484,90, 93		10/04/00	2	\$575.00	\$1,150.00	
15 Panametrics Long/Delay Ultrasonic Probe 20MHz .25in. Part A2008	262353- 64,66,67		10/29/98	15			
Techsonic Long/Delay Ultrasonic Probe 20MHz .25in. Part GRD- 2002-HR	N-3215,17 N-4560,61		07/10/98		\$400.00	\$400.00	
Panametrics Screw in Ultrasonic Probe long 2.25MHz .25in. Part V542	152473		11/08/00		\$283.00	\$283.00	
Panametrics Long/Angle Ultrasonic Probe 2.25MHz 1in. Part A408S	290985		05/03/01		\$304.45	\$304.45	
Harisonic Long/Angle Ultrasonic Probe 5MHz .5in. (sq.) Part ABM-0508	98L228-34		12/11/98	7	\$250.00	\$1,750.00	

Harisonic Long/Angle Ultrasonic Probe 2.25MHz .5in.(sq.) Pt ABM-0208	95H175-78		08/17/95	4	\$250.00	\$1,000.00	
Panametrics Long/Angle Ultrasonic Probe 5MHz .5in. Pt A406R	119899						
2 Long/Angle Ultrasonic Probes 5MHz .25in. Pt IPM-0502HR	E6565,8						
Panametrics Long/Angle Ultrasonic Probe 3.5MHz 1in. Pt.A411S	317763						
Panametrics Long/Immersion Probe 10MHz .25 in. Pt A312R	124595						
Panametrics Long/Immersion Probe 20MHz .125in. PT V3331	116897						
Panametrics Long/Finger Probe 5MHz 3/16x5/16 Pt A5040	124441						
Panametrics Long/Finger Probe 5MHz 3/16x5/16 Pt A5042	124437						
Panametrics Long/Finger Probe 5MHz 3/16x5/16 Pt A5043	126744						
Panametrics Long/Finger Probe 5MHz 3/16x5/16 Pt A5045	124432						
Valpey-Fisher Long/Pencil Probe 20MHz 1/16in. Pt VP1093	C289		12/27/99				
Techsonic Long/Normal Probe 1MHz .75in. Pt C-0101-GP	17421		07/19/06		\$269.00	\$269.99	
Panametrics BCRM BNC-Microdot Rt Angle Connector			06/29/99		\$125.00	\$125.00	
Misc. Wedges					\$45.00		
Misc. Cables					\$35.00		
Group Total						\$6,435.45	