

# NDT

nondestructive testing

## 2010 NDT & Materials Test Source Book

00100	<b>3-D Imaging</b>		<b>Eddy Current Test Equipment:</b>	08700	<b>Force Gages</b>
00200	<b>Accelerometers and Sensors</b>	04800	Detectors, Crack	08800	<b>Grips &amp; Fixtures</b>
00300	<b>Acoustic Emission Testing</b>	04900	Instruments, Coating Thickness		<b>Hardness Test:</b>
00400	<b>Alloy Analyzers</b>	05000	Instruments, Conductivity	09000	Brinnell
00500	<b>Battery Packs</b>	05100	Instruments, Corrosion Detection	09100	Microhardness
00600	<b>Blacklight</b>	05200	Instruments, Metals Sorting	09200	Rockwell
00700	<b>Bond Tester</b>	05300	Microprocessor Based	09300	Ultrasonic
	<b>Borescopes:</b>		<b>Eddy Current Equipment, Miscellaneous:</b>	09400	Portable
00900	Flexible	05500	AC Field Measurement Technique	09500	<b>Illuminators</b>
01000	Rigid	05600	Barkhausen Noise	09600	<b>Image Digitizing Systems</b>
01100	Video	05700	Coating Measurement	09700	<b>Image Processing Equipment</b>
01200	<b>Bulbs</b>	05800	Flux Leakage	09800	<b>Immersion Tanks</b>
01300	<b>Calibration Labs</b>	05900	Hall Effect	09900	<b>Impact Testers</b>
01400	<b>Calibration Services, Materials Test Equipment</b>	06000	Magnetic Induction		<b>Infrared Testing Equipment:</b>
01500	<b>Cameras, Infrared</b>	06100	Microwave	10100	Detectors and Arrays, Infrared
01600	<b>Coating Analysis</b>	06200	Nuclear Magnetic Resonance	10200	Differential Scanning Calorimeters
01700	<b>Color Matching</b>	06300	Rail Testing	10300	Laser Equipment, Infrared
01800	<b>Color Measurement</b>	06400	Reinforcement Bar Detection	10400	Process Control Systems, Infrared
01900	<b>Color Test</b>	06500	Resistivity Testing	10500	Pyrometers, Digital
02000	<b>Colorimeters</b>	06600	Standards, Calibration/Reference	10600	<b>Laboratories, Mobile</b>
02100	<b>Compression Testing</b>	06700	Wire Rope Testing		<b>Laser Methods:</b>
02200	<b>Computed Tomographic Systems</b>	06800	<b>Elasticity Testers</b>	10800	Holographic, Interferometric
02300	<b>Corrosion Mapping</b>	06900	<b>Electromagnetic Test</b>	10900	Holographic, Optical
02400	<b>Corrosion Testing</b>	07000	<b>Electromechanical Tester</b>	11000	Profilometry
02500	<b>Crack Detection</b>	07100	<b>Environmental Testing</b>	11100	Shearography
02600	<b>Creep Tester</b>	07200	<b>Extensometers</b>		<b>Leak Test Equipment:</b>
02700	<b>Data Collection and Analysis</b>	07300	<b>Fatigue Testing</b>	11300	AE
02800	<b>Data Loggers</b>	07400	<b>Fiberoptic Inspection Equipment</b>	11400	Bubble Emission
02900	<b>Digitizer</b>		<b>Film:</b>	11500	Differential Pressure
03000	<b>Durometers</b>	07600	High-speed	11600	Helium
	<b>Eddy Current Probes:</b>	07700	Radiographic	11700	Mass Flow
03200	Probes and Coils, Absolute	07800	<b>Flashlamps</b>	11800	Pressure Decay
03300	Probes and Coils, Custom		<b>Flaw Detectors:</b>	11900	Pressure Gages
03400	Probes and Coils, Differential	08000	Eddy Current	12000	Ultrasonic
03500	Probes and Coils, Reflection	08100	Handheld	12100	<b>Leak Testing Labs / Services</b>
03600	Probes and Coils, Semidifferential	08200	Ultrasonic	12200	<b>LED Ringlight</b>
	<b>Eddy Current Systems:</b>	08300	<b>Flexure Testers</b>	12300	<b>Light Sources</b>
03800	Comparators	08400	<b>Fluorescent Inspection</b>		<b>Liquid Penetrant Testing:</b>
03900	Data Reduction	08500	<b>Fluoroscopic Systems</b>	12500	Comparator Blocks
04000	High Speed Analysis	08600	<b>Flux Leakage Inspection Equipment</b>	12600	Developers
04100	Multichannel			12700	Electrostatic Sprayers
04200	Remote Field			12800	Emulsifiers
04300	Single Channel				
04400	Sorting/Hardness				
04500	Testers, Bar and Billet				
04600	Testers, Tubing and Pipe				

12900	High Temperature Penetrant Systems	18800	<b>Roughness Measurement</b>	24800	<b>Volumetric Measurement</b>
13000	Meters	18900	<b>Scanner, Hand-Held</b>	24900	<b>Weld Inspection Equipment</b>
13100	Penetrants	19000	<b>Scratch Testers</b>	25000	<b>Weld Process Monitor, Inspection</b>
13200	Penetrant Test Kits	19100	<b>Servo Testers</b>	25100	<b>Wire Crimp Pull Tester</b>
13300	Processing Equipment	19200	<b>Shear Testers</b>	25200	<b>Wire Testing</b>
13400	Test Panels				
13500	<b>Machine Vision</b>		<b>Software:</b>		<b>X-Ray:</b>
		19400	Filters	25400	Accessories
	<b>Magnetic Particle Testing:</b>	19450	Image Processing	25500	Diffraction
13700	Automated Systems	19500	Location	25600	Digital
13800	Coils	19600	Manufacturing Process Setup	25700	Film
13900	Demagnetizers	19700	Moment Tensor Analysis	25800	Fluorescence
14000	Field Indicators	19800	Neural Network	25900	Generators
14100	Instruments/Meters, Field Strength	19900	Pattern Recognition	26000	Inspection Services
14200	Magnetic Particles	20000	Statistical Waveform Analysis	26100	Inspection Systems
14300	Magnetizing Equipment	20200	<b>Spark Testers</b>	26200	Spectrography
14400	Meters, Light	20300	<b>Spectrometers</b>	26300	Tomography
14500	Rubber, Magnetic	20400	<b>Spectrophotometers</b>	26400	Tubes
14600	Yokes	20500	<b>Spectrum Analysis</b>		
		20600	<b>Strain Measurement</b>	26500	<b>XRF Analyzers</b>
14700	<b>Materials Analysis Equipment</b>	20700	<b>Surface Topography</b>	26600	<b>XRF Analyzers Portable</b>
14800	<b>Materials Testing Consultants</b>	20800	<b>Tensile Testing</b>		
14900	<b>Materials Testing Services / Labs</b>				
15000	<b>Metallographic Equipment</b>		<b>Thermography:</b>		
15100	<b>Metallography Services</b>	21000	Flash		
15200	<b>Microcams</b>	21100	Pulsed		
	<b>Microscopes:</b>	21200	<b>Thickness Measurement</b>		
15400	3-D	21300	<b>Torsion Testing</b>		
15500	Accessories				
15600	Binocular		<b>Training:</b>		
15700	Compound	21500	Eddy Current		
15800	Confocal	21600	IR/Thermal		
15900	Confocal Laser Scanning	21700	Laser Methods		
16000	Digital	21800	Leak Testing		
16100	Digital X-Ray	21900	Liquid Penetrant		
16200	Electron	22000	Magnetic Particle		
16300	Scanning Probe	22100	Radiography		
16400	Stereo	22200	Ultrasonic		
16500	Toolmaker	22300	Vibration		
16600	Trinocular	22400	Visual		
16700	<b>NDT Certification</b>		<b>Transducers:</b>		
16800	<b>NDT Consultants</b>	22600	Angle Beam		
16900	<b>NDT Equipment Repair</b>	22700	Contact		
17000	<b>NDT Labs</b>	22800	Dual		
17100	<b>NDT Labs / Services</b>	22900	Immersion		
17200	<b>NDT Scanners</b>	23000	Piezocomposite		
17300	<b>NDT Training</b>	23100	Ultrasonic		
17400	<b>Noncontact Video Measuring System</b>				
17500	<b>Optical Inspection, Automated</b>	23200	<b>Tube Testing</b>		
17600	<b>Particle Analysis</b>	23300	<b>Ultrasonic Calibration Blocks</b>		
17700	<b>Penetrant Systems</b>				
17800	<b>Phased Array Ultrasonic Imaging</b>		<b>Ultrasonic Test Equipment:</b>		
17900	<b>Pipeline Crawlers</b>	23500	Accessories		
18000	<b>Plasticity Testers</b>	23600	Inspection System		
18100	<b>Power Supplies</b>	23700	Portable		
18200	<b>Pressure Testing</b>	23800	Probes		
18300	<b>Pulse Echo</b>	23900	Test Blocks		
18400	<b>Radiographic Test Systems</b>	24000	Thickness Gages		
18500	<b>Radioscopic Systems</b>				
18600	<b>Resonant Inspection</b>	24100	<b>Universal Testing Machines</b>		
18700	<b>Robotic Inspection Systems</b>	24200	<b>UV Lamps</b>		
		24300	<b>UV Testing</b>		
		24400	<b>Vibration Test</b>		
		24500	<b>Video Cameras and Systems</b>		
		24600	<b>Video Measuring</b>		
		24700	<b>Videoscopes</b>		