

# Global Markets for Nondestructive Testing Equipment and Service

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## Abstracts

The global market for nondestructive testing (NDT) equipment and services reached \$15.8 billion in 2016. This market should reach more than \$17.2 billion in 2017 and \$26.4 billion by 2022, at a compound annual growth rate (CAGR) of 8.9% through 2022.

Nondestructive testing services market should reach \$6.7 billion in 2017 and nearly \$10.6 billion by 2022, at a CAGR of 9.5%.

Ultrasonic and infrared thermography testing equipment should reach \$3.2 billion in 2017 and nearly \$4.9 billion by 2022, at a CAGR of 9.0%.

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ASTM International (ASTM)  
American Society of Mechanical Engineers (ASME)  
American Petroleum Institute (API)  
American Welding Society (AWS)  
Aerospace Industries Association (AIA)  
National Board of Boiler and Pressure Vessel Inspectors (NBBI)  
International Organization for Standardization (ISO)  
European Committee for Standardization (CEN)  
Standards Bodies from Other Nations  
Visual Inspection  
Liquid Penetrant Testing  
Electromagnetic Testing  
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Power Generation  
Metals  
Other  
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Automotive  
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Manufacturing  
Metals  
Power Generation  
Other

Aerospace  
Automotive  
Chemical and Petrochemical  
HVAC  
Marine and Industrial  
Metals  
Power Generation  
Aerospace  
Automotive  
Chemical and Petrochemical  
Metals  
Crack Detection  
Weld Analysis  
Leak Detection  
Chemical and Petrochemical  
Natural Gas Vehicles  
Power Generation  
Nuclear Lift Rig Examination  
Pulp and Paper Industry  
Aerospace  
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Laser Ultrasonic Testing Systems  
Hybrid Ultrasonic Systems  
DolphiCam Ultrasound Camera  
DolphiCam  
Position-aware NDT systems



NDT3D Technology  
Portable 16 Channel Phased Array UT Instrument  
NDT PaintBrush  
Multiguage 5350 GRP Thickness Meter  
Echo FD Flaw Detector  
New Ultrasonic Array Detection Solution  
InVista Tool to Inspect Un-pluggable Pipelines  
Spectro Midex XRF Analyzers  
ValuCT for Industrial NDT  
YXLON Micro3Dslices  
MXR Series Mass Spectrometry Power Supplies  
Digital LPX Series Portable X-Ray Controller  
Portable Digital Radiography System  
Borescope  
Fiberscope Videoscope  
Videoscope  
Remote Digital Visual Inspection (RDVI)  
D Sight Aircraft Inspection System (DAIS)  
Edge of Light  
Miniaturization and Automation  
Holography  
Shearography  
Deep-UV Laser Inspection  
Optical Coherence Tomography  
Tritan 365 NDT Lamp  
Borescopes with Hyperion Probe  
Tomahawk Videoscope System  
Increased Automation  
Microprocessor Technology  
Signal Interpretation  
Remote Field Testing (RFT)  
Superconducting Quantum Interference Device (SQUID)  
Hybrid Systems  
Array Technology  
Photo-inductive Imaging (PI)  
Pulsed Eddy Current  
Eddy Current Surface Array  
Surface Array Flex Probe  
Lyft Software Version 1.1

Tank Floor Pulsed Eddy Current (PEC) Probe  
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Lock-in Thermography  
Photo-thermal Camera  
Scanning Thermography  
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Other Technologies  
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Electrochemical Fatigue  
Capacitive Coupling Voltage Contrast Imaging  
Permanent Magnetic Field Perturbation  
High Security On-Premise Diconde Solution  
Pipecheck 4.0  
Olympus Vanta XRF Analyzer  
Signal Fitness-for-Service Version 5.0  
MFE Mark IV Tank Floor Scanner  
Sharck Fillet Weld Probe  
Composites  
Infrastructure  
Storage Tanks  
Transportation – Shipping and Railroads  
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Future of Eddy Current NDT

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Future of Acoustic Emission NDT

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3DX-RAY LTD.

ACOUSTIC EMISSION CONSULTING, INC.

ADDELCO CORP.

ADVANCED INSPECTION TECHNOLOGIES

ADVANCED NDT LIMITED

ADVANCED OEM SOLUTIONS

ADVITAM INC.

AIRSTAR INC.

AMC INSTRUMENTS SRL

AMDATA NDE TECHNOLOGY LLC

AMERICAN SCIENCE & ENGINEERING

ANALOGIC CORP.

ANRITSU CORPORATION

ANRITSU INFIVIS CO., LTD.

AOLONG GROUP

ARDROX, INC.

AT-AUTOMATION TECHNOLOGY GMBH

AUTOCLEAR

AZIMA DLI CORP.

BALTEAU NDT

BIO-IMAGING RESEARCH, INC.

BOSELLO HIGH TECHNOLOGY SRL

BRUEL & KJAER SOUND & VIBRATION MEASUREMENT A/S

BRUKER AXS

CARESTREAM NDT

CHEMETALL GMBH

CHEMETALL AMERICAS

CLAMPON AS

COMET HOLDING AG

COMET TECHNOLOGY CORPORATION

COMET TECHNOLOGIES USA, INC.

CONTROLE MESURE SYSTEMES

CYGNUS INSTRUMENTS LIMITED CYGNUS HOUSE

DANATRONICS CORPORATION  
DANDONG HUARI SCIENCE ELECTRIC CO., LTD.  
DANDONG NDT EQUIPMENT  
DANDONG YANGGUANG INSTRUMENT CO., LTD  
DASEL SISTEMAS  
DIGITAL WAVE CORP.  
DIGITEXX DATA SYSTEMS, INC.  
DOLPHITECH AS  
DURR NDT GMBH & CO. KG  
EASTMAN KODAK  
ECLIPSE SCIENTIFIC INC.  
EDDY CURRENT TECHNOLOGY INC.  
EDDYFI NDT INC.  
EKOSCAN  
ELCOMETER NDT  
ELECTROPHYSICS  
EMERSON PROCESS MANAGEMENT  
ENVIROSIGHT, LLC  
ETHER NDE LIMITED  
EUROSONIC MISTRAS  
EVEREST VIT INC.  
EXTECH INSTRUMENTS CORP.  
FAXITRON X-RAY CORP.  
FISCHER TECHNOLOGY INC.  
FLIR SYSTEMS, INC.  
FLUKE CORPORATION  
FOERSTER INSTRUMENTS, INC.  
FOMA BOHEMIA LTD.  
FORCE TECHNOLOGY A/S  
FUJIFILM HOLDINGS CORPORATION  
FUJI NDT SYSTEMS  
GAMMATEC NDT SUPPLIES SOC LTD  
GE INSPECTION TECHNOLOGIES  
GE MEASUREMENT & CONTROL  
GEOKON, INC.  
GEOSIG LTD.  
GOULD-BASS CO.  
GRANPECT COMPANY LTD  
GUANGZHOU DOPPLER ELECTRONIC TECHNOLOGIES CO., LTD.

GULMAY LTD.  
HILLGER ING. BURO  
HI-SPEC SYSTEMS  
HK SUNLONGE INTL. CO. LIMITED  
HONEYWELL INTERNATIONAL INC.  
HOTTINGER BALDWIN MESSTECHNIK GMBH  
IBG NDT SYSTEMS CORPORATION  
IMASONIC SAS  
IMG ULTRASUONI SRL  
INFRATEC GMBH  
INNERSPEC TECHNOLOGIES  
INSTITUT DR. FOERSTER GMBH & CO. KG  
INSTRUMENT TECHNOLOGY, INC.  
INTERTEK GROUP PLC  
INTERTEST, INC.  
INTRON PLUS LTD.  
JENTEK SENSORS, INC.  
JMD NDT INC.  
JIREH INDUSTRIES  
KARL DEUTSCH PRUEF- UND MESSGERAETEBAU GMBH + CO KG  
KARL STORZ GMBH & CO. KG  
KEITHLEY INSTRUMENTS, INC.  
KEYSIGHT TECHNOLOGIES, INC.  
KLA-TENCOR CORP.  
KYUNGDO ENTERPRISE CO., LTD.  
L-3 COMMUNICATIONS SECURITY & DETECTION SYSTEMS  
LASER OPTICAL ENGINEERING LTD  
LASER TECHNOLOGY, INC.  
LECOEUR ELECTRONIQUE  
LIMAB AB  
LIXI, INC.  
M2M  
MAGNAFLUX CORP.  
MAGNETIC ANALYSIS CORP.  
MARIETTA NONDESTRUCTIVE TESTING, LLC  
MATEC INSTRUMENT COMPANIES, INC.  
MEDIT INC.  
MET-L-CHEK  
METTLER-TOLEDO INTERNATIONAL INC.

MFE ENTERPRISES, INC.  
MICROVISTA GMBH  
MIKRON INFRARED, INC.  
MISTRAS PRODUCTS & SYSTEMS  
MODSONIC INSTRUMENTS MANUFACTURING COMPANY PVT. LTD.  
MORPHO DETECTION  
MX INDUSTRIAL  
NATIONAL INSTRUMENTS CORPORATION  
NAWOO TECH CO. LTD  
NDT SYSTEMS, INC.  
NETCO PROFESSIONAL SERVICES GMBH  
NEXTNDT TECHNOLOGY, INC.  
NIKON CORPORATION  
NIKON METROLOGY  
NORDINKRAFT  
NORTH STAR IMAGING, INC.  
NOVA METRIX LLC  
OCEANSCAN, INC.  
OLYMPUS CORPORATION  
OLYMPUS AMERICA, INC.  
OLYMPUS SCIENTIFIC SOLUTIONS AMERICAS  
ONO SOKKI TECHNOLOGY, INC.  
OPGAL OPTRONICS INDUSTRIES LTD.  
OPTIM, INC.  
OXFORD INSTRUMENTS MEASUREMENT SYSTEMS, LLC  
PANALYTICAL B.V.  
PANALYTICAL, INC.  
PARKER HANNIFIN CORP.  
PARKER RESEARCH CORPORATION  
PAR SYSTEMS, INC.  
PBP OPTEL SP. Z O.O.  
PEAK NDT  
PERKINELMER, INC.  
PHOENIX INSPECTION SYSTEMS LIMITED  
PHOTON DYNAMICS, INC.  
PHYSICAL ACOUSTICS CORP.  
PLANT INTEGRITY LTD  
PPT VISION, INC.  
PRAGMA NDT

PROMPRYLAD  
PROCEQ  
PSI AG  
QSA GLOBAL INC.  
QUALITY INSPECTION SERVICES, INC.  
QUALITEST INTERNATIONAL  
QUALITY MATERIAL INSPECTION, INC.  
QUALITY NETWORK, INC.  
RAPISCAN SYSTEMS  
RAYTEK CORPORATION  
RIGAKU CORPORATION  
ROBOPLANET  
ROCKWELL AUTOMATION, INC.  
RUSSELL NDE SYSTEMS INC.  
SCANMASTER SYSTEMS (IRT) LTD.  
SCIENCE APPLICATIONS INTERNATIONAL CORP. (SAIC)  
SECU-CHEK GMBH  
SENSOR NETWORKS CORPORATION  
SHANTOU INSTITUTE OF ULTRASONIC INSTRUMENTS (SIUI)  
SHIMADZU CORPORATION  
SHIMADZU INDUSTRIAL EQUIPMENT USA  
SILVERWING (UK) LTD  
SKF  
SOCOMATE INTERNATIONAL  
SODIS LAB  
SONATEST NDE LIMITED  
SONOSCAN INC.  
SONOTEC ULTRASCHALLSENSORIK HALLE GMBH  
SONOTEC US INC.  
SONOTRON NDT  
SONIX, INC.  
SOUTH MANUFACTURING, INC.  
SPECTRONICS CORPORATION  
SPELLMAN HIGH VOLTAGE ELECTRONICS CORPORATION  
STARMANS ELCTRONICS, S.R.O  
STRAINSTALL UK LIMITED  
TAC TECHNICAL INSTRUMENT CORP.  
TECHNICAL SERVICES PRODUCTS, INC.  
TECSCAN SYSTEMS

TELEDYNE DALSA INC.  
TELEDYNE ICM  
TELEVERE SYSTEMS  
TESTEX, INC.  
TESTO SE & CO. KGAA  
TEST SYSTEMS INTERNATIONAL, INC.  
THERMAL WAVE IMAGING, INC.  
THERMO FISHER SCIENTIFIC, INC.  
TRIPLE 5 INDUSTRIES  
TRITEX NDT USA LLC  
TSC INSPECTION SYSTEMS  
UE SYSTEMS INC.  
ULTRASONIC SCIENCES LTD  
THE ULTRAN GROUP  
UNITED WESTERN TECHNOLOGIES  
VALLEN-SYSTEME GMBH  
VARIAN IMAGING COMPONENTS  
VARIAN MEDICAL SYSTEMS  
VIDAR SYSTEMS CORPORATION  
VIDISCO LTD  
VISICONSLT X-RAY SYSTEMS & SOLUTIONS GMBH  
VJ TECHNOLOGIES  
VIZAAR INDUSTRIAL IMAGING AG  
WILLIAMSON CORP.  
X-RAY INDUSTRIES, INC.  
X-RAY WORX GMBH  
YXLON COPENHAGEN  
YXLON INTERNATIONAL GMBH  
ZETEC, INC.  
ZHEJIANG ULIRVISION TECHNOLOGY CO., LTD  
ZHONG YI NDT CO., LTD  
ZYGO CORPORATION

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ACOUSTIC TECHNOLOGY GROUP, INC.  
ACUREN INSPECTION, INC  
ADVANCED NDT SOLUTIONS, INC.



APPLIED TECHNICAL SERVICES, INC.  
APPLUS RTD B.V.  
ARCADIA AEROSPACE INDUSTRIES, LLC  
ASHTED TECHNOLOGY LTD  
BIRRING NDE CENTER  
BUREAU VERITAS SA  
CATHRAY NDT SERVICES  
CERTIFIED PRESSURE TESTING LLC  
CONCO SERVICES CORPORATION  
COWI A/S  
ESTEEM APV INSPECTION SERVICES SDN. BHD.  
EXOVA GROUP LIMITED  
EXTENDE  
FI TEST- UND MESSTECHNIK GMBH  
GEOCOMP CORP.  
GULF NDE INDUSTRIAL SERVICES INDIA PVT LTD  
HASAN INSPECTION SERVICES  
IHI SOUTHWEST TECHNOLOGIES, INC.  
INNOVATED NDT TRAINING SOLUTIONS  
INSPECTA GROUP OY  
INTERWAV, INC.  
IRIS INSPECTION SERVICES, INC.  
IVEYCOOPER SERVICES  
JESSE GARANT METROLOGY CENTER  
JETS, INC.  
KAKIVIK ASSET MANAGEMENT, LLC  
LAVENDER INTERNATIONAL NDT LTD  
MASSACHUSETTS MATERIALS RESEARCH  
MCNDT PIPELINE, LTD.  
METALOGIC INSPECTION SERVICES INC.  
MFE RENTALS  
MISTRAS GROUP, INC.  
MTL WERKSTOFFPRUEFUNG GMBH  
MX INDUSTRIAL  
NATIONAL INSPECTION AND CONSULTANTS  
NDTS INDIA (P) LIMITED  
PMI/XRF SERVICE BANGLADESH  
QUALITY ASSURANCE RESOURCES, INC.  
RELIABILITY INSPECTION GROUP, LLC

SCIENCE APPLICATIONS INTERNATIONAL CORP. (SAIC)  
SEA TEST SERVICES  
SGS SA  
SKY TESTING SERVICES INC.  
SOUTHERN INSPECTION, INC.  
SOUTHERN TOOL INSPECTION  
STRUCTURAL INTEGRITY ASSOCIATES, INC.  
STRUCTURAL TESTING SYSTEMS  
TD NDE  
TEAM, INC.  
TEAM INDUSTRIAL SERVICES  
TECHKNOWSERVE CORPORATION  
TECHNIQUE INSPECTION & CONTROL  
TECNATOM  
TESTIA  
TRINITY NDT ENGINEERS  
TUV RHEINLAND OF NORTH AMERICA, INC.  
TWI  
VALLEY INDUSTRIAL X-RAY

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VIBRANT NDT SERVICES PVT. LTD  
VOGT ULTRASONICS GMBH

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