



Together for a safer world™

Nondestructive testing solutions





Dedicated and proud Magnaflux® customers are our most important focus: They drive us to be our best as we follow our mission creating market-leading NDT products and processes.

We believe listening to our customers is the reason for our successful 80+ years of history developing and producing equipment and materials for the NDT community. Simply, we make the best quality and highest performing products because our loyal users ask for them.

We see the best way to make our passion work is to lead the advancement of processes and products that make our customers, the dedicated non-destructive testing and quality assurance professionals, advance the safety and reliability, efficiency and convenience, of their industries. Every part we touch is our part.

Magnaflux product and performance results grow our accountability with our customers. Convenience reliability, safety and reduced exposure, all of these issues are related and integral to the way we operate.

We follow every detail of the development process from cradle to grave, micro-managing our product lifespan so we can learn every aspect of NDT knowledge. That's our way of continuously improving both quality and necessary bottom line performance.

Our customers count on us to know, and to share that knowledge through our people.



Penetrant Testing*

Magnaflux penetrant inspection products are the most widely used LPI/PT inspection products and best known for reliability on the market. No matter what the industry, Magnaflux customers trust our penetrant products to provide superior results in detection of fine defects and cracks in ferrous and non-ferrous materials.

Fluorescent Water Washable Penetrants

ZL-15B Type 1, Level ½

ZL-19 Type 1, Level 1

ZL-60D Type 1, Level 2

ZL-67 Type 1, Level 3

ZL-56 Type 1, Level 4

Fluorescent Post Emulsifiable Penetrants

ZL-2C Type 1, Level 2

ZL-27A Type 1, Level 3

ZL-37 Type 1, Level 4

Nonfluorescent/Visible Penetrants

SKL-SP2 Type 2, Solvent Removable

SKL-WP2 Type 2, Water Washable

Developers

ZP-4B Dry Powder (Method A)

ZP-14A Water Soluble (Method B)

ZP-5B Water Suspensible (Method C)

ZP-9F Solvent Based (Method D/E)

SKD-S2 Solvent Based (Method D/E)

Ultrasonic Testing Couplants*

For NDT professionals who want best-in-class UT couplants from a manufacturer who they know will never compromise on product performance or safety, Magnaflux couplants come in a range of different formulas to meet a wide variety of needs.

General-Purpose Couplants

Ultrage[®] II

Soundsafe[®]

Echogel[®]

Sonotrace[®]

UT-X Powder

High Temperature Couplants

Sono 600

Sono 900

Sono 950

Sono 1100

Pyrogel[®] 100

Aqueous Cleaners*

Daraclean aqueous biodegradable cleaners are safe for use on a wide range of metal and non-metal surfaces. They are particularly effective at removing a broad spectrum of soils including dye penetrants, cutting oils, metalworking coolants, mill markings, paraffins, rust inhibitors and adhesives.

*Talk to your Magnaflux sales manager for complete product line information



Magnetic Particle Testing*

The first Magnaflux inspection systems appeared in 1929, since then we have grown into the global leader for magnetic particles. Our customers rely on Magnaflux magnetic particle testing solutions to set the global standard for fluorescent and non-fluorescent testing of surface and sub-surface defects in ferromagnetic parts.

Fluorescent Magnetic Particles

- 14A** Magnetic Particles
- 14AM** Oil-Based Particle Suspension
- 14A** Redi-Bath™ Water-Based Particle Suspension
- 20B** Particle Premix
- 14A** Aqua-Glo Water-Based Particle Aerosol
- MG-410** Magnetic Particles

Nonfluorescent/Visible Magnetic Particles

- 7HF** Oil-Based Particle Suspension
- 7C** Black Magnetic Particles
- #1 Gray** Magnetic Particles
- #2 Yellow** Magnetic Particles
- #8A Red** Magnetic Particles

Magnetic Particle Equipment

- Yokes
- Coils
- Wet Benches
- Power Packs
- Current Generators
- Enclosures
- Demagnetizers

UV Inspection Lamps*

For professional who want to use UV technology developed exclusively for nondestructive testing, Magnaflux LED UV lights and lamps help our customers find indications faster and more reliably.

- EV6000** hand-held UV lamp
- EV6500** high-intensity hand-held UV lamp
- ST700** overhead LED UV inspection lamp

Process Compensated Resonant Inspection*

PCRI results correlate directly to part performance, so defective parts can be rejected on the production line with confidence. Quasar PCRI is a powerful yet flexible NDT method which produces reliable results, at substantially lower costs.



Industries and Applications

Aerospace

Aircraft Engines and Components

Automotive

Engineered Machined Components

Inspection Service Companies

Military

Oil & Gas

Oilfield Service Providers

Power Generation

Precision Bearings

Precision Castings & Forgings

Railroad

Welded/Seamless Pipe, Casing and Premium Connections



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