



NDT for the Oil & Gas Industry

Magnaflux non-destructive testing (NDT) solutions are trusted by Oil Country Tubular Goods (OCTG) manufacturers, oilfield and pipeline inspection companies, power generation companies and refineries.

OCTG and safety critical components, both onshore and offshore, require periodic inspection. Integrity and reliability of drill pipe, line pipe, casing, tubing, tanks and welding are essential to ensure operational safety, reduce downtime, protect the environment and meet regulatory compliance.

Y-2

AC Electromagnetic Yoke

The Y-2 is an AC electromagnetic yoke, ergonomically designed to improve productivity and reduce operator arm and wrist fatigue. The yoke generates a strong AC magnetic field for the detection of surface indications during magnetic particle testing.

Lightweight with an ergonomic grip and trigger, the Y-2 is designed for the rugged demands of field inspection. Featuring a field swappable cord and isolated trigger switch; the Y-2 is easily serviceable because a severed cord should not stop a job from getting done.

A super-bright, white-light LED attachment is available as an optional item to help illuminate the inspection area while simultaneously magnetising the part.



Part number	Voltage	Plug
628555	230V	Type F (Type G adapter)
630445	115V	None

EV6000 and EV6500

Handheld LED UV Lamps

Portable LED UV lamp (EV6000) and dual-light LED UV lamp (EV6500) for non-destructive testing applications. Featuring custom-designed optics, these lamps provide intense and even UV-A coverage to easily identify indications, and an integrated filter ensures minimal visible light emission to improve inspection reliability. Speed up inspection time with the widest, most even beam on the market.



Part number	Model	Maximum UV intensity
628000	EV6000	5000 $\mu\text{W}/\text{cm}^2$
629677	EV6500	7000 $\mu\text{W}/\text{cm}^2$

Magnetic Particle Inspection Consumables

The first Magnaflux inspection systems appeared in 1929, since then we have grown into the global leader for magnetic particle consumables. 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

Our fluorescent products are perfect for high-sensitivity, wet method magnetic particle inspection. They produce bright yellow/green indications when viewed under UV(A) light.



Product	Description
14A	Wet Method Fluorescent Magnetic Particles
14HF	Oil-Based Fluorescent Magnetic Particle Ink
WB-12	Fluorescent Magnetic Liquid Concentrate

Visible Magnetic Particles

Our visible magnetic particles are finely controlled to produce vivid indications that are easy to see without special lighting.

Product	Description
7HF	Oil-Based Visible Magnetic Particle Ink
WB-27	Water-Based Visible Magnetic Particle Concentrate

More Information

For complete product information, refer to the Product Data Sheets available at magnaflux.eu.