



## MAGNATRON SY-7000S Fluorescent Magnetic particle

SY-7000S is a fluorescent magnetic particle composed of highly sensitive magnetic particles. Fluorescent magnetic particle testing is a method that allows easy detection of surface-opening defects in magnetized test specimens by using a magnetic particle suspension containing fluorescent magnetic particles and irradiating it with ultraviolet light from a blacklight source. SY-7000S has a narrower particle size range than SY-7000 and offers high detection sensitivity, making it suitable for use in semi-precision inspection from raw materials.

It has a proven track record in a wide range of inspections, including general inspection and material inspection, semi-precision inspection. When using this product, disperse and suspend it in a magnetic particle conditioner such as the Blendex series (for water dispersion) or in Magnatron oil (for oil dispersion).

### ■ FEATURES

- Clear and highly, enhanced visible fluorescent magnetic particle indications appear in simple steps.
- A general-purpose magnetic particle widely used.

### ■ PROPERTIES

Color	Yellow-green fluorescence
Particle Size	1~15 $\mu$ m
Recommended Magnetic Particle Concentration	0.3~2.0 g/L
Sedimentation Volume (Reference)	0.04~0.21 mL /100mL

### ■ SPECIFICATION CONFORMANCE

\* Please contact us regarding compliance to the latest standards and standards not listed in this TDS.

# MAGNATRON SY-7000S Fluorescent Magnetic particle

## APPLICATIONS

- Welded parts
- Machined parts
- Rolled materials
- Castings and forgings
- Material inspection
- Semi- precision inspection

## SPECIFICATION

How to use →



NDT Method	Magnetic Particle Testing (MT) / Fluorescent Magnetic Particle
Storage Temperature	32°F ~ 104°F / 0°C ~ 40°C
Usage Temperature	40°F ~ 134°F / 5°C ~ 57°C
Quality assurance period	3 years from the manufacturing date
Disposal	Dispose empty can in a safe manner in accordance with local/national regulations.

## CONTAINER

Can Type: 1 kg and 5 kg can

## SERVICE/CONTACT

Please be sure to read the SDS (Safety Data Sheet) before use.  
Please download the SDS from our website or contact our nearest sales office or distributor.  
For other inquiries about our products, please contact our nearest sales office.

Contact us →

