

MAGNAFLUX®

Penetrant Wastewater Processing System

MagnaPure II® Provides The Next Generation In Wastewater Solutions

- ✓ Automatically Processes Penetrant Wastewater
- ✓ Removes Green Fluorescent Dyes
- ✓ Reduces Bacteria and Odor Problems
- ✓ Eliminates Wastewater Sludge Hauling Expense
- ✓ Drop-In Installation
- ✓ User-Friendly Color Touch Screen
- ✓ No Filters to Stock or Change
- ✓ Sample Valve Eliminates Process Interruptions



MAGNAPURE II®

Treating, transporting and disposing of penetrant wastewater can be a time consuming and costly process for manufacturers and test facilities involved in the NDT inspection process. Continued tightening of environmental restrictions at both the federal and local levels has prohibited drain disposal of



non pre-treated wastewater in all but a few locales making pre-treatment the primary choice for those wishing to avoid the high cost of private disposal services.

Of all the pre-treatment options available to manufactures none are more easy to install and economical to operate than the MagnaPure II® System from Magnaflux.

Employing an ozone injection process, the MagnaPure II® System eliminates the fluorescent color and odor that is found most objectionable by many waste treatment facilities. Processed penetrant wastewater can then be disposed of through the common drain system within most communities.

The MagnaPure II® System's low operating cost (there are no costly filters to purchase, maintain or dispose of), small 62" L x 32" W x 42" H footprint and 500 gallon daily processing capacity make it a perfect fit for manufacturers and test labs looking to avoid the high cost of penetrant wastewater disposal.

To find out more about how a MagnaPure II® System can help solve your penetrant wastewater disposal problem, contact a Magnaflux Customer Service Representative at (847) 657-5300 or email us at ndt@magnaflux.com.

Magnaflux has made the processing and disposal of penetrant wastewater easy for manufacturers employing NDT inspection as part of their Quality Control Process. As the market leader with over 80 years experience in the formulation and manufacturing of dye penetrants, Magnaflux has introduced the second generation of its MagnaPure® penetrant wastewater treatment system. The enhanced filterless system uses ozone to automatically remove fluorescent dye penetrant color and odor from penetrant wastewater, allowing for drain disposal within most communities.

Contact a Magnaflux Customer Service Representative to determine how a high capacity, MagnaPure II® system can improve your penetrant testing process and reduce your penetrant wastewater disposal expense today.

ANSWERS TO FREQUENTLY ASKED QUESTIONS

What Is MagnaPure II®?

MagnaPure II® is a new technology that solves the problem of removing and disposing of penetrant wastewater. The MagnaPure II® system uses ozone to remove the green dye color and reduce odor/bacteria problems.

Where Is The MagnaPure II® System Added To The Fluorescent Penetrant Inspection Process?

MagnaPure II® is installed in conjunction with the penetrant rinse station.

What Is The Wastewater Capacity of MagnaPure II®?

MagnaPure II® can process up to 500 gallons of penetrant wastewater per day (one 24-hour period).

What Is The Difference Between MagnaPure II® and Other Filtration Equipment?

Unlike other filtration equipment such as Nanofiltration and Ultrafiltration, MagnaPure II® does not require the purchase, maintaining or replacement of costly filters/cartridges to process penetrant wastewater.

Does Any Penetrant Residue Remain After The MagnaPure II® Process?

No, unlike other filtration equipment that leave penetrant residue or penetrant sludge behind after the filtration process, MagnaPure II® processes the entire batch of wastewater and will not leave any sludge or residue to dispose of.

Does MagnaPure II® Remove The Penetrant Green Color?

Yes, MagnaPure II® removes the green dye color from wastewater. For PE penetrants, the water may appear slightly cloudy.

How Much Space Is Required To Install The MagnaPure II® System?

The MagnaPure II® System design is extremely compact and measures just 62" L x 32" W x 42" H.

Can I Process Other Wastewater Through A MagnaPure II® System?

Magnaflux recommends processing only penetrant wastewater through a MagnaPure II® System.

Where Can I Get Additional Information or Literature On The MagnaPure II® System?

Contact Magnaflux Customer Service at (847) 657-5300 or email us at ndt@magnaflux.com.