



splitter
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SPLITTER™ SERIES

Penetrant Waste Water
Filtration Systems



SPLITTER NDT INC.
SPLITTER.COM

Splitter Series

Splitter NDT Inc. is extremely excited to introduce our brand new penetrant waste water filtration systems, the Splitter 2X and 4X. The Splitter Series is the ideal liquid penetrant inspection station for the low to medium volume user.

Educational
Discounts Available



The Splitter series of membrane filtration machines are designed to run virtually on their own with a programmable logic controller that monitors and records a variety of factors including; pressure, temperature, time and maintenance.

The new Splitter series of filtration systems is now available in two configurations, the 2X and 4X. These systems are capable of handling a nominal volume of 200 gallons per day and 400 gallons per day of waste water, respectively.





Construction

- All-in-one system
- Fully contained in a durable cabinet
- Built-in spill containment
- Cabinet constructed of powder-coated steel
- Mounted on heavy duty, lockable, swivel caster wheels
- Stainless steel pump
- Nano-filtration membranes with patented KlearFlo design
- Other membrane types/pore sizes available
- Stainless steel removable (cleanable) strainer
- Viton seals

Applications

- Dye Penetrant rinses from non-destructive testing
- Aqueous (water-based) cleaners from parts washers, floor cleaning, equipment washdown, etc.
- Machine coolants and water-soluble cutting oils
- Air Compressor condensate
- Water-based Ink washes from printing
- Oil-Water emulsions
- Many other aqueous wastes

Bundle with our
LP1 penetrant station
and save



Controls

- Automatic PulseKleen operation improves performance and extends membrane life
- Siemens PLC + HMI
- Pressure, Temperature, and Flow Rate Monitoring
- Preventative Maintenance Reminders
- Logging Enabled
- High Temperature Limit
- Low Pressure Cutout
- Temperature Limit: 120 F (50 C)
- pH Limit: 4-10 during operation, 2-11 during CIP (Clean In Place)



Electrical

- 1.0 HP Close-Coupled Centrifugal Pump
- 120 VAC, 1 phase, 60 Hz.
- GFCI plug included is UL/cUL listed for damp location
- Other voltages available, consult factory for more information

"We have taken a proven technology and greatly improved on the performance and capability for our modern customer." - Amir Hakimi

Splitter™ Series Filtration Specifications		
Model	Splitter™ 2X	Splitter™ 4X
Number of Membranes	2	4
Nominal Capacity with Nano Membranes	200 Gallons per 24 hours	400 Gallons per 24 hours
Dimensions H x W x D in. (cm)	45" x 28" x 22" (115 x 70 x 55 cm)	
Weight lbs. (kg.)	185 lbs (84 kg)	205 lbs (93 kg)
Membranes	"Nano (232)": 100-250 Da "Ultra (444)": 400kDa Other Custom Pore Sizes: Contact Factory	
Material	Powder Coated Steel	
Installation Requirements	120V, 15 Amp Power Flat, Level Ground Access to Clean Water	
Features and Accessories	Siemens PLC and HMI: Intuitive Controls, Digital Sensor Readout, Logging. Preventative and Routine Maintenance Reminders. Heavy Duty, Lockable Caster Wheels. Corrosion Resistant Fittings. Removable Back and Side Panels for Easier Maintenance. Integrated Spill Bin with Drain Valve. Standardized 4-20mA Sensors. 1 HP TEFC Pump with Sil Carb / Sil Carb Seal.	



CONTACT US

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