



Splitter™ X Waste Water Filtration System FAQ

What is the Splitter X Waste Filtration System?

- The Splitter X is the latest generation of penetrant wastewater filtration systems. The system utilizes nano or ultra filtration membrane technology to reduce the volume of unwanted chemicals, oils, dyes and pigments to help you drastically reduce their amount of wastewater disposal and help create a more environmentally conscious workplace

How does it work?

- <https://youtu.be/w6EnmnUqoU4>
- <https://youtu.be/pET3SLxhsMk>

How much wastewater can the Splitter 2X and 4X Process?

- The Splitter 2X has a nominal processing capacity of 200 gallons per day
- The Splitter 4X has a nominal processing capacity of 400 gallons per day

Do you have systems that can handle larger volumes of waste water?

- Yes! Our line of Ultra Splitter systems can handle up to 6,000 gallons per day. Contact us for applications exceeding 6,000 gallons per day

What is new within the Splitter 2X and 4X systems?

- <https://youtu.be/N9O9U2-7dxY>
- PLC and HMI
- Membranes and Membrane Housing
- Carbon Polish
- General Construction

How long do the membranes last?

- Membrane lifespan is highly dependant on what type of wastewater you are processing, external contaminants like dirt and debris, and many other factors
- That being said, we expect them to last 6-12 months in applications that have been factory approved

What wastewater can I process with the Splitter X?

- The most common is penetrant rinse water in the non-destructive testing market
- Machine coolants and water-soluble cutting oils
- Aqueous cleaners from parts washing, floor cleaning, equipment washdown, etc.
- Oil-water emulsions



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- If you have an application that I have not listed and you believe that our product could work for you, please contact us! We love testing out new applications.

Can I book a demonstration?

- Please check out our virtual demo here (<https://youtu.be/OigPOgwTrrw>)
- If you would like to proceed with a potential on-site demonstration, please get in touch!

What information do we need regarding your application?

- Typical questions include:
 - What is your current wastewater composed of?
 - How are you currently treating or handling your waste?
 - What is your expected daily volume of wastewater?
 - Do you want to re-use the clean water or discharge to the drain?
 - Do you anticipate any other contaminants in the wastewater?
 - Contact us for further discussion regarding your application

Will you test our wastewater to determine if the Splitter X system will work for our needs?

- Yes! We highly recommend proceeding with a trial run of your wastewater to ensure that our system is compatible with your waste and meets your expectations. For this trial run, we require the following:
 1. If available, provide the safety or technical data sheet of the products that you expect in the wastewater
 2. Have your wastewater tested locally and then send us a 10-gallon (or 40L) pail of your wastewater, along with a purchase order for one membrane and water analysis testing
 3. We will then run your sample batch through our system and capture the clean permeate
 4. We will have your results tested locally to ensure no further contamination while in delivery, and share these clean water results with you to compare to your wastewater results
- If this does not work for you, we also have demo units available to rent and test your wastewater right on site! Or, this demonstration can be provided by a local distributor if possible
- And when in doubt, give us a call, message us on WhatsApp or send us an email!

Where can we purchase this system?

- Splitter NDT, Inc. is the global distributor for the Splitter product lines. This includes our Splitter X wastewater systems ([link](#)) and our Splitter LP1 penetrant systems ([link](#))



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Do you have a local distributor in my area?

- Depending on your location, Splitter NDT is excited to be partnered with a variety of industry leading NDT equipment companies ([map here](#))