

Compact neutralizer for treating small-volume waste water from laboratories and hospitals, etc.

Compact neutralizer

This is a compact neutralizer for neutralizing small volumes of waste water, such as water from cleaning blood analysis devices used in hospitals, and other waste water produced at school laboratories, research institutes, small-scale factories, and other facilities. The unit is able to continuously process water at a rate of 100-200 liters/hr (30-60 minute hold time). Although small, this unit is equipped with instruments such as an industrial pH meter, solenoid metering pump, and low-noise mixer, all of which provide outstanding durability. The tank is made of polyethylene which makes it more robust against shock and therefore safer than conventional vinyl chloride tanks. The entire unit is covered with a cover so it can be used indoors without causing distracting noises. The device is also very affordable as we have implemented extensive cost-cutting efforts in its development.



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With a low-noise design, this compact neutralizer is designed for indoor use.

Uses a resin case that provides excellent waterproofing and corrosion resistance.

The digital pH meter, pump, and mixer mounted on this device have been designed for outdoor water resistance for peace of mind even if water is accidentally spilled on it. Additionally, it comes with a rust proof resin case to enhance its durability.

Low-noise design is intended for indoor use.

A mixer and pump with the lowest possible noise levels were chosen for this unit so that it can be used indoors. It also comes with a cover.

The unit comes in two types: One that controls both acids and bases, and another that controls either bases or acids.

Choose from one of two types: Dual-item control model for controlling both acids and bases in applications where the waste water consists of both acids and bases, or single-item control model for controlling either bases or acids in applications where the waste water consists of either bases or acids.

Automatic calibration

The digital pH adjustment meter comes with a function for automatically carrying out cumbersome pH4 and pH7 calibrations with a single touch of a button.

Refined appearance belies the fact that this is a waste water treatment unit.

Its molded polyethylene body, carefully laid out instrumentation, and clear smoked cover that gives you a view of its interior together create a refined appearance.

Compact design for a small footprint

The pump, mixer, and chemical tank have been laid out with efficiency in mind to achieve external dimensions of only 550mm x 600mm x 675mm (including cover).



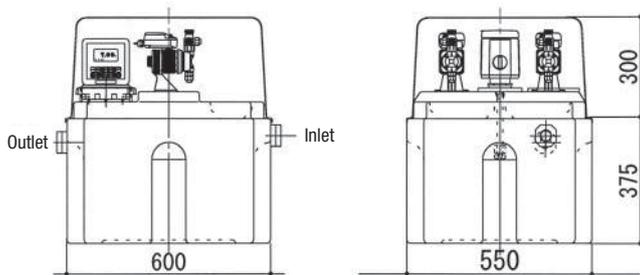
Its various instruments have been laid out with efficiency in mind.



Digital pH adjustment meter is loaded with a variety of functions.

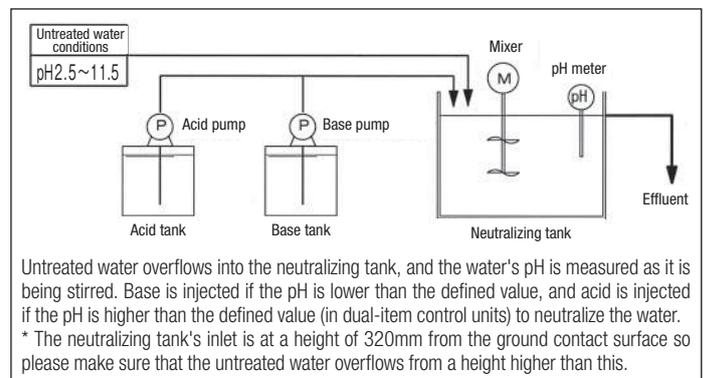


Solenoid metering pump



With smoked cover on

Model	TPH-1	TPH-2
Treatment capacity	100 ~ 200 ℓ/h	
Chemical intake method	Single-item control, acid or base	Dual-item control, acid and base
Neutralizing tank	100 liter polyethylene tank	
Chemical tank	One 4 liter polyethylene tank	Two 4 liter polyethylene tanks
Chemical pump	20W 65ml/min solenoid metering pump	20W 65ml/min solenoid metering pumps
Mixer	45W/220V	
Inlet and outlet	25A screw	



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Inquiries