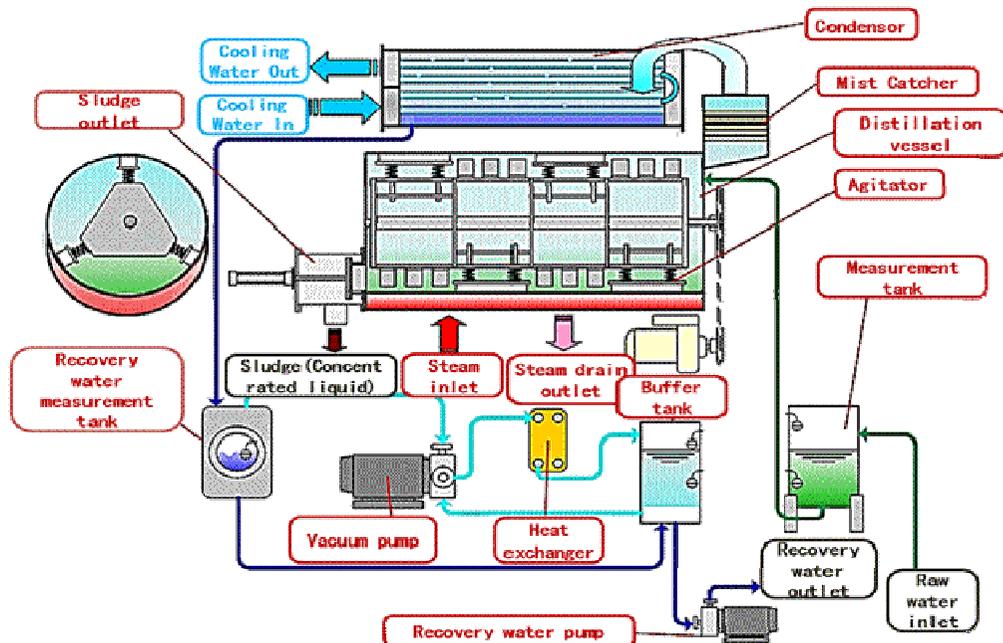




Decompression-Dehydration-Drying Device Take-GEN – Daiwa Chemical Industry Co., Ltd. –

Pursuing zero-emission goal



Feature

- Distilling and dehydrating all kinds of waste water or sludge under a reduced pressure state to reduce industrial waste.
- Despite of treating waste water, Take-GEN can also treat and recycle high-boiling-point solvent,
- Multiple model can match different kinds of industrial amount.. ※Line-up: Take-GEN25~1000 type.
- Using Take-GEN500 type to treat waste water, 90% can be concentrated. About 850t of industrial waste per year could be reduced,

Summary

Take-GEN can separate moisture from high concentrated waste water or high-water-content sludge by vacuum distillation method.

By concentrating, dehydrating, drying industrial waste stuff, changing waste into resources can be easily achieved.

Now Take-GEN is exporting to China, Thailand, Indonesia, Taiwan, Korea and etc. from Japan. We also have local branch dealing with manufacturing and designing of Take-GEN. We will continue to enlarge our business mainly in China and Thailand in the future.

You can choose “Batch operation” or “Continuous operation”/Moisture content of sludge after treating can be reduced to 1%~5%/Odor and noise problem has been well concerned./Save space.

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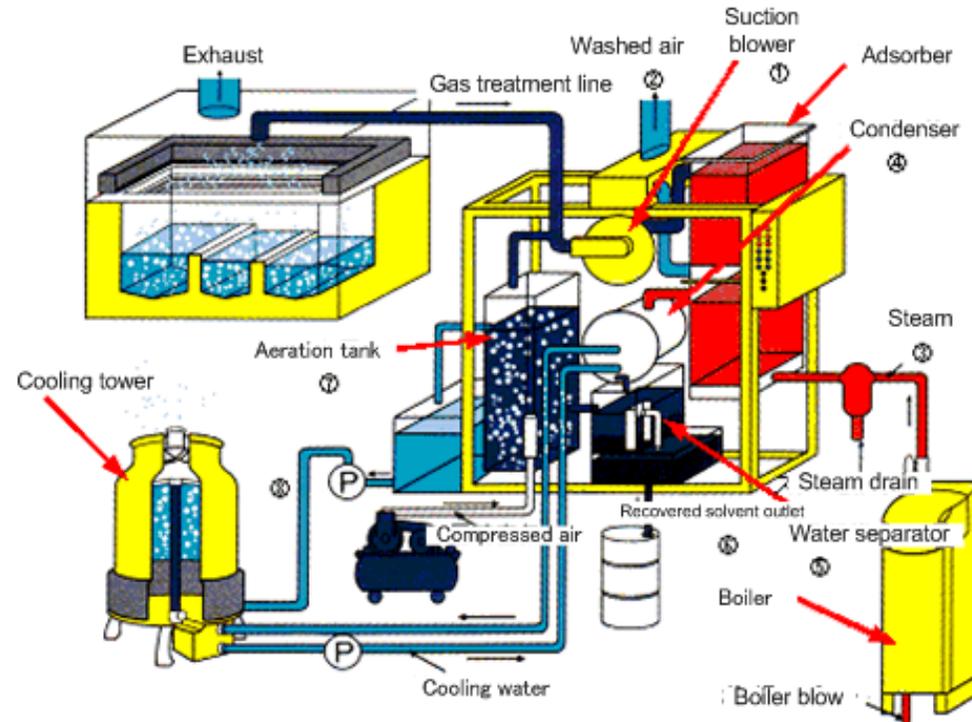




Solvent recovery device (Activated carbon adsorption type/VOC treating device)

– Daiwa Chemical Industry Co., Ltd. –

Pursuing zero-emission goal



Feature

TAKE is a kind of solvent recovery device of metal cleaning field, which was developed based on manufacturing and developing of freon dry cleaning device. Despite of metal cleaning field, nowadays, TAKE is also widely used for treating exhaust gas, in many industrial areas such as paint, printing, chemical and industrial products manufacture fields. Until now, we have about 200 delivery record of TAKE all over the world. TAKE is not only a high efficiency device, it is also designed compactly to save space and reduce initial/maintenance cost. Now we have delivery record until 300L, please consult us with specification.

Summary

This device is composed by 2 independent unit: VOC gas sorption unit by using granular activated carbon, and regeneration/drying unit by steam. It is a system aimed to recycle solvent by using steam and activated carbon. The key to reduce load of environmental pollution is dissipation prevention from the emission source. TAKE is always perusing the goal of zero-emission. Now, we have delivery record of TAKE in Japan, China, Malaysia. We will continue to enlarge our business mainly in China and Thailand in the future.