

VOC Concentrator + Advanced RTO System

Energy-saving VOC Concentrator + Advanced RTO System

Unique design's horizontal rotation & distribution type US Patent issued! Japanese Patent issued! Chinese Patent issued!

On 2002, we successfully performed R&D of Advanced RTO System with the support of Korea MOE. On 2004, its advanced technology was appointed as the New Environmental Technology NeT Mark by Minister of Korea Ministry of Environment. On March 2006, we and our partner, SWC Japan Co., Ltd. successfully supplied & installed Advanced RTO System with VOC Concentrator for Gravure Printing Dry Line of TOKKA Co., Ltd. in Saitama, Japan. New orders have been increasing more and more from Japan.



440 to 44Nm³/min



250 to 30Nm³/min



360 to 30Nm³/min



300 to 30Nm³/min

Futures and Benefits

For more cost effective system to remove the exhaust VOC (volatile organic compounds) of the low concentrations & the low temperature with the large flow rates from industrial factories, the VOC Concentrator can be combined with the Advanced RTO System. The laden VOC in the exhaust air stream is adsorbed in the process zone and desorbed in the de-sorption zone by heated de-sorption air stream with much less air volume than that of process air stream

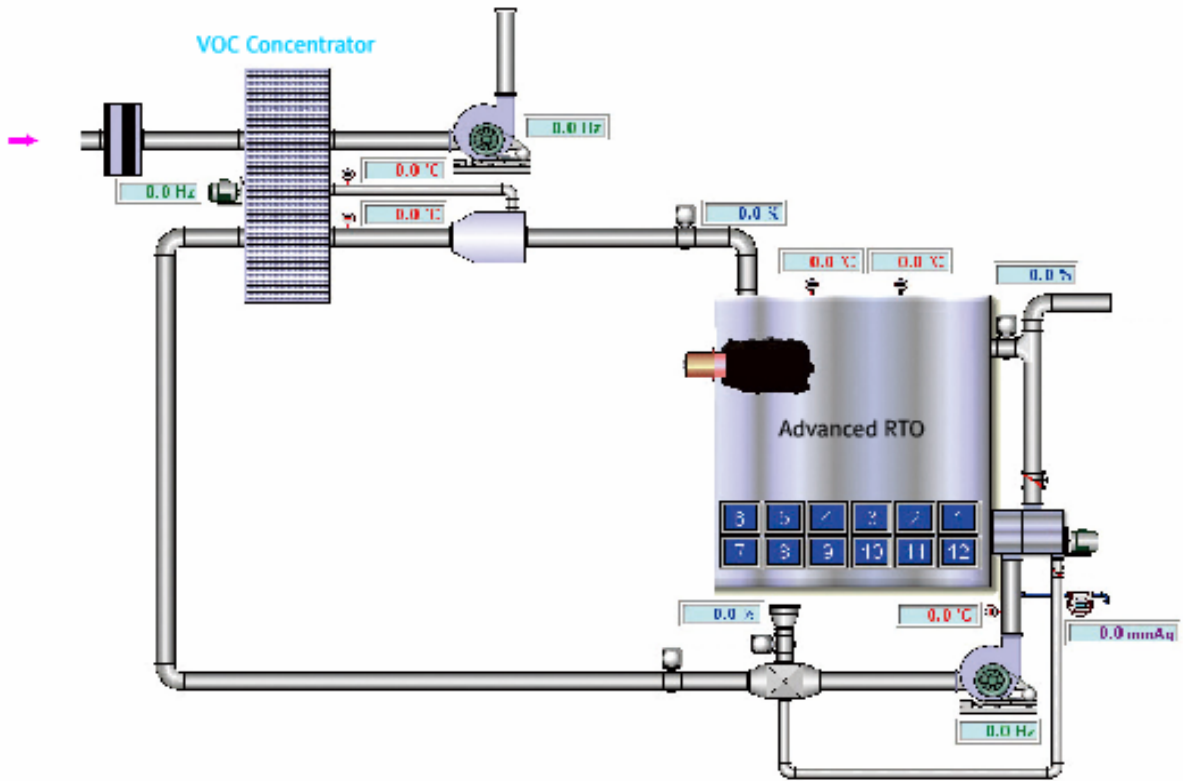
- **Concentrating ratio 5~10+ times for exhaust VOC of low PPM (concentration), low temperature and large flow rates**
- **Available space-free installation by excellent flexibility of system design in dimension, width, height and direction**
- **Provides high stable system to variable loads, flow rates and VOC concentrations**
- **Upgrade reliability of VOC removal system combined with Advanced RTO System**
- **Easy maintenance of advanced RTO system, the rotor built-out external type horizontally at lower area of system**

Application Fields

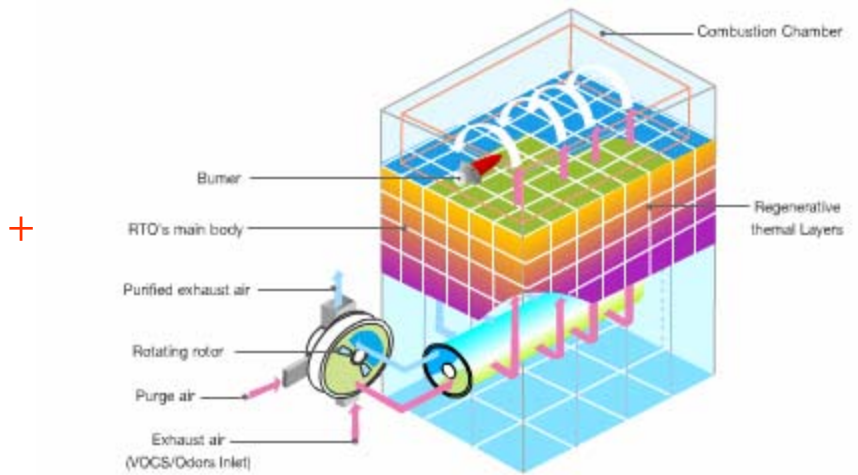
- Painting Industry • Coating Industry • Printing Industry
- Semiconductor Industry • Chemical Industry • Pharmaceutical Industry
- Paper & Textile Industry • Food Industry • Waste treating Industry etc



Process & Configuration of VOC Concentrator + Advanced RTO System



VOC Concentrator



Advanced RTO

