

# GLOBAL CONTACTS

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## USA

### Kanken Techno USA INC(KTUS)

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## COMPANY OVERVIEW

Company Name	Kanken Techno Co.,Ltd.
Founded	December 1978
Company Representative	Koichi Imamura
Capital	JPY 90 million
Number of Employees	1,611 (group-wide, as of March 2025)
Revenue	JPY 26.7 billion (consolidated, FY2024)
Headquarters	Ota 30-2,Kotari,Nagaokakyo,Kyoto 617-0833 Japan +81 75 955 8826 (Global Sales) sales@kanken-techno.co.jp https://www.kanken-techno.co.jp/
Certifications	ISO9001:2015 JSAQ 2721, ISO14001:2015



Company HP

# KANKEN TECHNO COMPANY PROFILE



# OUR PHILOSOPHY

## Gas Management Professionals since 1978

Since our founding, we have been committed to developing and manufacturing systems that treat harmful gases generated by industrial activities.

While industry continues to advance at a remarkable pace, our environment is increasingly threatened by emissions such as greenhouse gases, VOCs, and PM2.5. At Kanken Techno, we deliver optimal solutions tailored to each customer's process, helping to maintain productivity while contributing to global environmental protection.

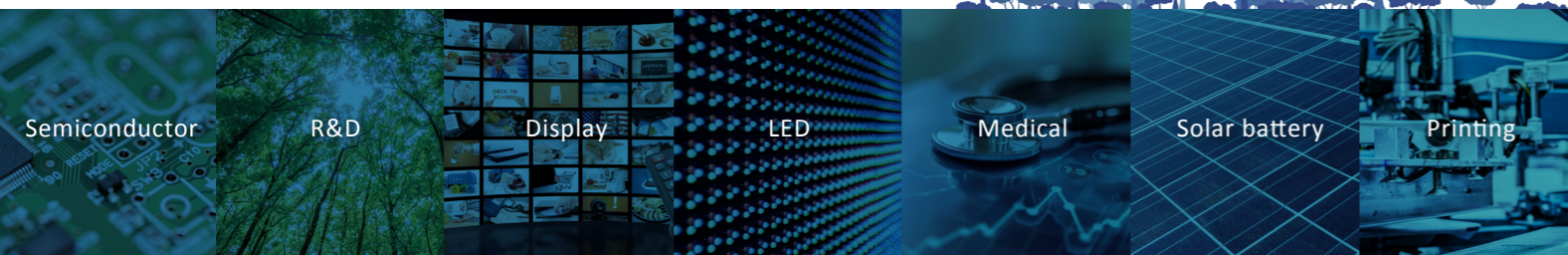
Our fully integrated operations—covering everything from research and development to manufacturing, sales, and after-sales service—ensure consistent quality, reliability, and peace of mind for our customers.



# OUR NETWORK



# MARKETS WE SERVE



# OUR PRODUCTS



## POU Abatement Systems

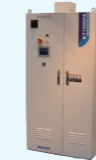
With a strong focus on sustainability, we specialize in electric gas abatement systems that operate without fossil fuels.

### KT series

Electric heater-based abatement systems that operate without generating NOx emissions, widely adopted in CVD processes.

#### KT1000FA

Our globally best-selling abatement unit, with optional PM2.5 removal available upon request.



#### KT1000EP

Efficient treatment of high-concentration hydrogen gas, optimized for epitaxial processes.



### KPL series

Atmospheric-pressure plasma abatement systems capable of treating PFCs and a wide range of other gases—well-suited for etching and CVD lines.

#### KPL-C13

The standard model in the series, designed for excellent durability against corrosion and clogging.

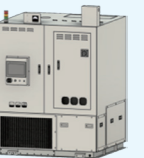


#### KPL-WTR

High-capacity abatement with minimal energy and water use.

#### KPL-WE

Revolutionary technology that significantly reduces the use of dilution nitrogen and energy in abatement processes.



## Pre-pump Plasma Treatment (Foreline unit)

Advanced plasma abatement solutions, developed in response to customer needs.

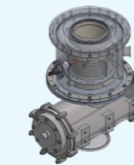
#### K-ILP

Our most compact in-line abatement solution, enabling efficient PFC treatment without occupying floor space.



#### CC-ILP

An innovative dry pump maintenance solution utilizing next-generation plasma technology.



## Recyclers

Reduce both resource consumption and waste, contributing to a more sustainable future.

### Ne-Recycler

Achieves over 90% recovery and reuse of rare excimer laser gas, which is at risk of supply shortage.



### Water Recycler

Auxiliary equipment compatible with POU systems that reduces water usage and waste volume by up to 90%.



## Plant Engineering

With unique technical know-how, we provide highly efficient large-scale abatement systems. Our custom-designed solutions cover VOC removal, deodorization, and dehumidification, tailored to meet diverse customer requirements.

### Catalytic Oxidizer



### Thermal Oxidizer



### Rotary type Concentrator



### Fixed type Concentrator



### Solvent Recovery



# Electrical Heater Type VOC Abatement System



- VOC<sup>\*1</sup> gas treatment using only electricity
- Compact, highly efficient, energy-saving design, with low initial cost
- Low operating cost without catalysts



KSD-20-SPSC



KSD-30-SPSC



KSD-60-SPSC

KSD Series		20-SPSC	30-SPSC	60-SPSC
Dimension	W×D×H (mm)	1750 x 1000 x 1970	2050 x 1400 x 1970	3000 x 1550 x 2170
Treatment Flow Rate	Nm <sup>3</sup> /min	20	30	60
Power Consumption	kW	10	15	30

\*1 VOC : Volatile Organic Compounds

## Equipped with advanced energy-saving features.

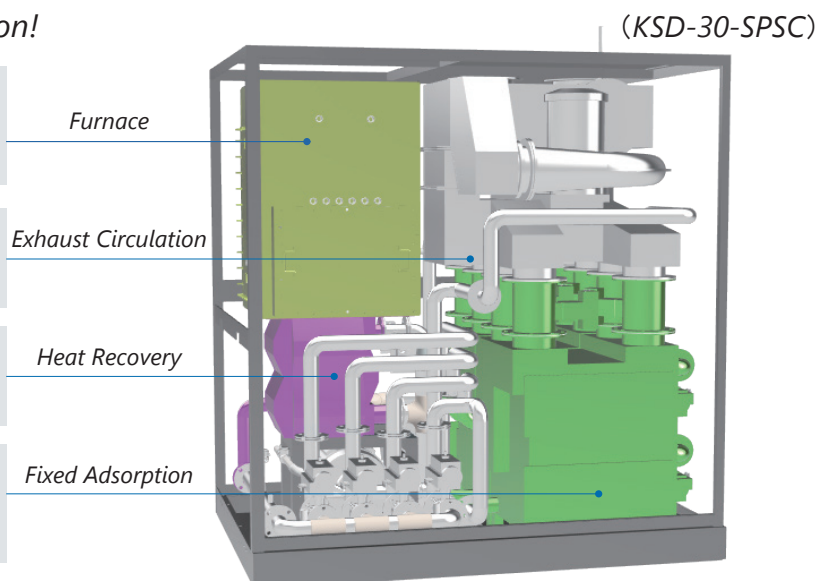
- Compact design! Suitable for indoor installation!

High-performance ceramic heater.  
Directly heats exhaust gas,  
achieving high treatment efficiency

Recycles heated exhaust gas.  
Achieves high heat recovery efficiency.

Integrates the oxidation furnace and waste heat recovery unit. Completely insulated.

The industry's first fixed concentration method.  
Achieves a double concentration ratio compared  
with conventional methods.



More than 95% of the exhaust gas emitted from the process equipment will be adsorbed by a fixed adsorption unit before being released into the atmosphere. VOC gases adsorbed by the fixed adsorption section are desorbed by hot air. Highly concentrated VOC gases are released to the oxidation furnace. In the oxidation furnace, more than 98% of VOC gases are thermally oxidized and decomposed, then released to the atmosphere.

# Large-Scale Fixed-Bed VOC Concentration System Efficient Treatment of Low-Concentration, High-Volume VOC<sup>\*1</sup> Emissions

- Reduces the size of the thermal oxidizer through a fixed-bed concentration design
- Energy-saving operation through heat recovery

\*1 VOC : Volatile Organic Compounds



Easy Maintenance with Simple Design

Flexible Pretreatment Options for Various Gas Types

Reduced Operating Costs through Downsizing

Capacity Tailored to Airflow Requirements

High-Efficiency Concentration of Large Air Volumes

Reliable 24/7 Operation

