



# SINGLE CHAMBER FLOODING FACILITIES FOR NONHALOGENATED SOLVENTS AND MODIFIED ALCOHOLS

- Redundant, system-independent design of the querying procedure for safety relevant parameters such as pressures and temperatures
- Exermination of the work chamber door seal before every work cycle
- TÜV-verified safety concept
- Energy-saving construction (heating of flood tanks achieved by heat recovery via solvent vapour)
- Facility configured for use of nonhalogenated solvents or modified alcohol



*Cleaning facility „petite“ for standard applications*

## FIELDS OF APPLICATION

Halogen-free solvents, so-called hydrocarbons, show similar cleaning properties as the classic chlorinated hydrocarbon solvents and therefore are eminently suitable for degreasing tasks. However, if the facility is correspondingly equipped, ultra-fine cleaning tasks are also easy to perform.

*experienced  
competent  
environment-conscious*



## FACILITY TECHNOLOGY

The closed facility system is operated under vacuum, resulting in a cleaning process working above the flash-point of the solvent, therefore obtaining optimum cleaning and drying results.

Tightness of the facility system is monitored during facility operation via the constantly applied vacuum.

The parts are placed in baskets and cleaned in a hermetically sealed working chamber. The cleaning is effected by flooding the working chamber with hot solvent, either with media circulation and/or ultrasound followed by steam degreasing.

An internal distillation facility ensures continuous conditioning of the cleaning media fed into the circuit. The cleaned parts are dried by means of vacuum in the working chamber.

The energy for conditioning the cleaning media via distillation is recycled several times by means of heat recirculation, thus ensuring minimal running costs due to the long life time of the solvent.

## EQUIPMENT VARIANTS

- Special work chamber for customer-specific holders
- Ultrasound or media circulation device
- Additional storage tanks for high purity requirements or for preservation
- Integrated vacuum bypass distillery for discontinuous oil discharge (residual distillation)

## TECHNICAL DETAILS

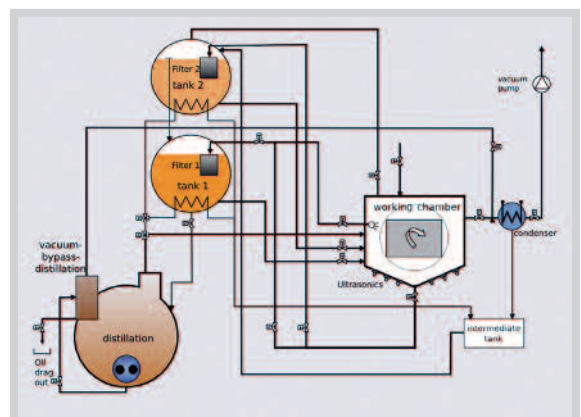
	RCTS „petite“
Basket size [mm]	260 x 160 x 95
Throughput [Ch/h]	approx. 4
Batch weight [kg]	15
Set-up area of basic facility [mm]	1.000 x 1.200
Connected load [kW]	approx. 5

## OUR DELIVERY RANGE

Cleaning and degreasing facilities for aqueous media, halogenated and nonhalogenated solvents.



Interior of „petite“



Schematic drawing RCTS „petite“ process sequence



Our factory premises in the Enz Valley