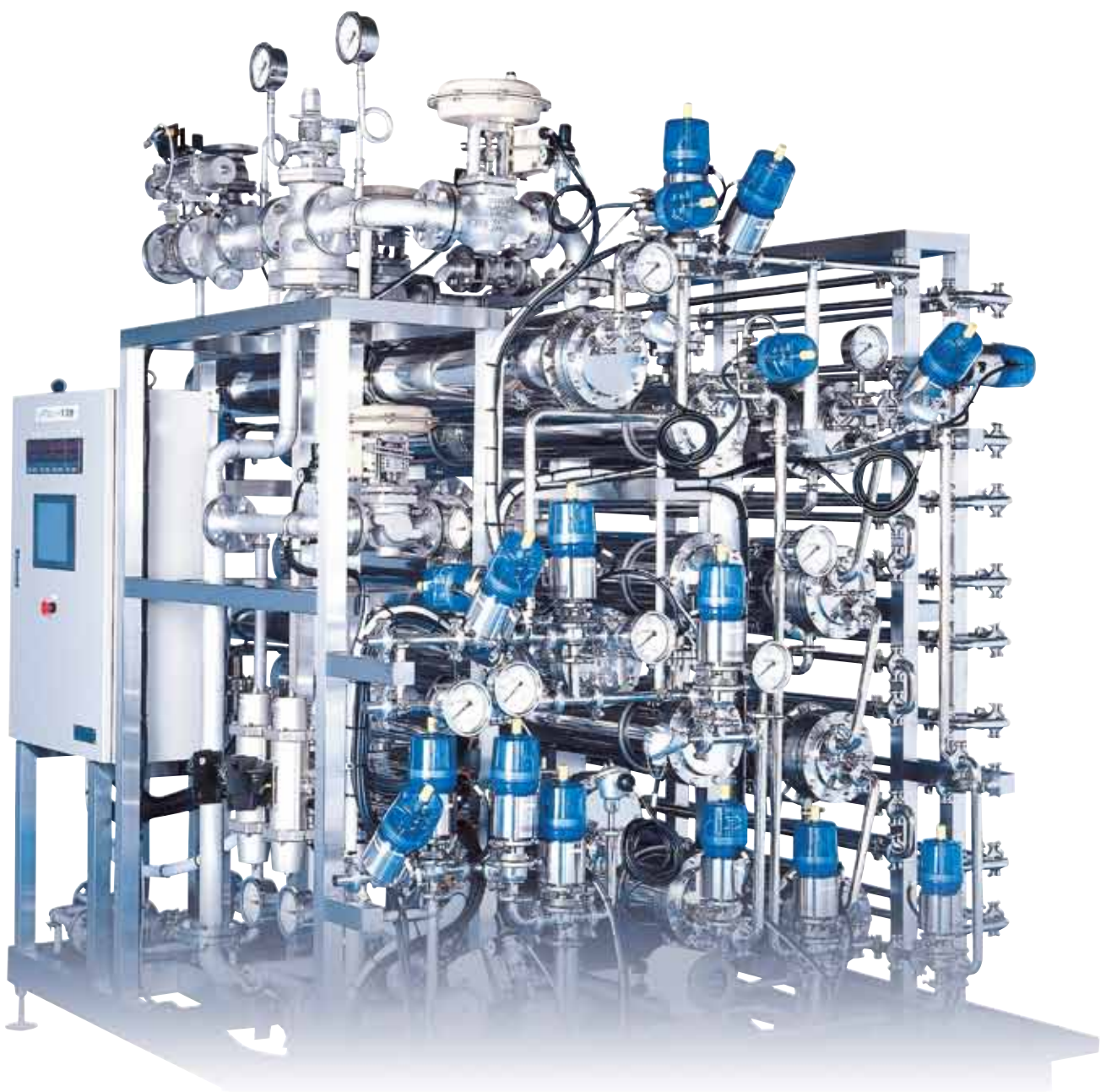


Hygienic
UHT-Unit



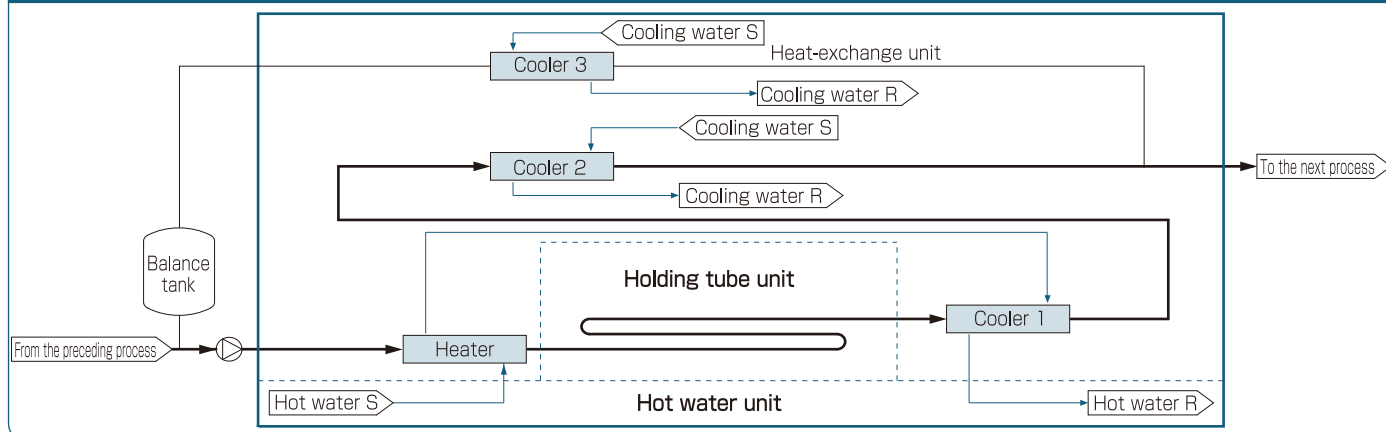
► Applications

- Sterilization and cooling of process liquid for foods, beverage, cosmetics; etc.

► Advantages

- UHT units are divided into the 3 units: heat-exchange unit, hot water unit, and holding tube unit and are respectively standardized, which allows you to select them each condition.
- No contamination of product liquid due to heat medium/refrigerant (Double pipe plate (S&T) heat exchanger)
- Excellent washability
- Easy maintenance
- Wide applicable flow rate range

► Flowsheet



► Lineup Heat-exchange units

Type	Applicable flow rate (L/h)	Sterilizing temperature (°C)
UHTH01L	~1000	~90
UHTH05L	~5000	
UHTH10L	~10000	
UHTH15L	~15000	
UHTH20L	~20000	
UHTH30L	~30000	
UHTH01H	~1000	~140
UHTH05H	~5000	
UHTH10H	~10000	
UHTH15H	~15000	
UHTH20H	~20000	
UHTH30H	~30000	

► Lineup Holding tube units

Type	Applicable flow rate (L/h)	Sterilizing temperature (°C)
UHTW01L	~1800	~105
UHTW05L	~10000	
UHTW10L	~18000	
UHTW15L	~24000	
UHTW20L	~30000	
UHTW30L	~48000	
UHTW01H	~1800	~150
UHTW05H	~10000	
UHTW10H	~18000	
UHTW15H	~24000	
UHTW20H	~30000	
UHTW30H	~48000	

► Lineup Holding tube units

Type	Applicable flow rate (L/h)	Holding tube	Holding time
		Size	
UHTT010	1000	15A	30
UHTT050	5000	1.5S	30
UHTT100	10000	2S	30
UHTT150	15000	2.5S	30
UHTT200	20000	3S	30
UHTT300	30000	3S	30

● Devices having specifications other than those mentioned above can be designed and manufactured.

► Specifications

- System: Double-tube-sheet (S&T) heat-exchanger
- Material: Product wetted part: SUS316L Other SUS304
- Applicable flow rate: 300L/h to 30000L/h
- Sterilizing temperature: up to 140°C ± 1°C
- Cooling temperature: up to 30°C
- Holding time: up to 30 sec
- Devices having specifications other than those above-mentioned above ones can be designed and manufactured.

► Options

- Control panel made of stainless steel
- Linkage with other facilities
- Operation record
- Double-pipe heat exchanger

※ Note that specifications, performance, etc. are subject to change due to product modification, etc. without notice.