

## Technical data



Model	22-03 T	23-03 T	26-03 T	28-03 T
External dimensions				
Width	900 mm	657 mm	756 mm	1160 mm
Depth	675 mm	747 mm	804 mm	918 mm
Height	1270 mm	1725 mm	1775 mm	1915 mm
Inside chamber dimensions				
Width	540 mm	565 mm	667 mm	1070 mm
Depth	520 mm	555 mm	635 mm	720 mm
Height	540 mm	760 mm	815 mm	890 mm
Usable chamber dimensions				
Width	476 mm	476 mm	535 mm	910 mm
Depth	476 mm	476 mm	535 mm	628 mm
Height	460 mm	530 mm	600 mm	680 mm
Loop tank	30 l	30 l	50 l	100 l
Weight (without tank)	130 kg	130 kg	200 kg	250 kg
Weight (with tank)	160 kg	160 kg	230 kg	300 kg
Load capacity, telescope level <i>optional</i>	20 kg	20 kg 50 kg	20 kg 50 kg	25 kg 50 kg
Load capacity, lower level	10 kg	10 kg	20 kg	20 kg
Max. drying temperature	110 °C	110 °C	110 °C	110 °C
Drying system <i>optional</i>	1 x	1 x + 1 x	1 x + 1 x	2 x + 1 x
Nominal capacity of pumps	440 l/min.	500 l/min.	950 l/min.	1800 l/min.
Connected load	9,2 kW	10,8 kW	11,0 kW	22,0 kW
Operating voltage	400 V/3 NPE	400 V /3 NPE	400 V / 3 NPE	400 V / 3 NPE
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Exhaust air connection	50 mm	70 mm	70 mm	100 mm
Cleaning levels	2 max.	2 max.	3 max.	3 max.
Change in chamber size	no	yes	yes	yes
Pressure air connection	yes	yes	yes	yes
Pulsation	yes	yes	yes	yes
Door locks	yes	yes	yes	yes
Conductance measurement <i>optional</i>	yes	yes	yes	yes
Vapour extraction <i>optional</i>	yes	yes	yes	yes
Automatic media preparation with subsequent sharpening <i>optional</i>	yes	yes	yes	yes

## THE ALLROUNDERS

### Chamber injection cleaning systems for industrial precision cleaning



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*Subject to technical changes without notice!*

## Experience and individuality

The **industrial series** offers the optimal cleaning technology using the chamber injection method for the **electronics, plastics, mechanics and optics area**.

Our client base for this type of cleaning technology includes companies from the following industries: Aviation and aerospace, electronics, medical technology, optics industry, measurement and control technology.

Our many years of experience in building cleaning system along with the selection of supplier parts form the basis for the production of this high-quality equipment.

In addition to standard products, we also develop and manufacture customized and **client-specific solutions** for the most stringent of requirements. That is our strength!

## Quality that pays

**Riebesam cleaning systems** are subject to very strict controls and meticulous production processes, with the following features:

- Certified quality management system as per DIN EN ISO 9001:2000
- Stainless steel 1.4301
- **Riebesam cleaning system**, i.e. complete emptying of equipment and pipes following each cleaning and rinsing step, hence no carry-over, a high degree of cleanliness, absence of contamination and no loss of media
- Direct injection via the injector trolley or receiving trolley with lower washing wing, and indirectly via the upper washing wing
- High-performance dryer with independent H13 HEPA filter
- Depending on cleaning requirements - use of stainless steel circulating pumps, magnet-coupled pumps or diaphragma pumps
- Processes are ready for validation
- Receiving colander in cleaning chamber for large impurities
- Use of super-fine filters (absolute filters) starting at 1 µ
- Bag or cartridge filters as per customer requirements
- **Riebesam SPS controls** with touch panel
- Telescopic guidance for receiving trolley in second cleaning level
- Suitable for installation in clean rooms

## Strength within ...

- Wide selection of accessories
- High-performance pump and heating system
- Large rinsing chamber depending on type and special requirements
- Design allows for complete removal of residue material from wash chamber
- Flip or lift door with programmed locking system



Series 22-03T



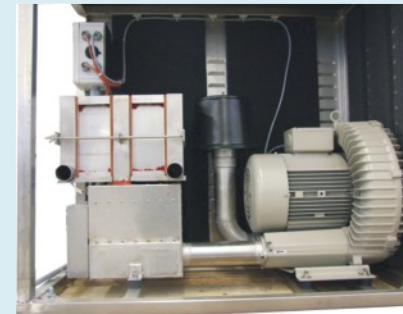
Series 23-03T



Series 26-03T



Series 28-03T



High-performance drying



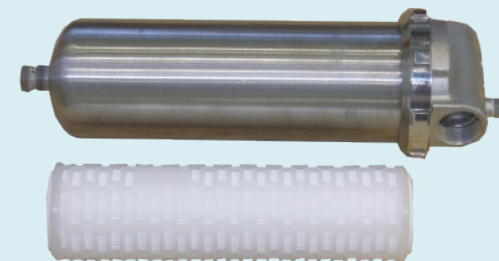
Drying systems with HEPA filter H13



Riebesam SPS controls with 7" touch panel"



High-performance stainless steel pump



Cartridge filter with housing



Diaphragma pump



Air pressure valve

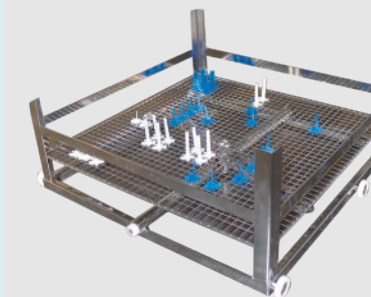
## Options

- Stainless steel material: 1.4404 and 1.4571 or similar materials on request
- All equipment is also available for batch and continuous processing mode on request
- Soldering jig cleaning frame, sieve cylinder cleaning frame
- Additionally high-performance drying system for series 23, 26 and 28
- Automatic media preparation in loop tank with subsequent dosing
- Dosing pump
- Conductance condenser
- PH measurement
- Fully extended telescope tolerates loads up to 50 kg
- Siemens Simatic S7 controls
- Data printer
- Jet injection trolley
- Stainless steel catchment basin
- Flow chamber
- closed circuit for all cleaning and rinsing media, so that rinsing media does not enter wastewater

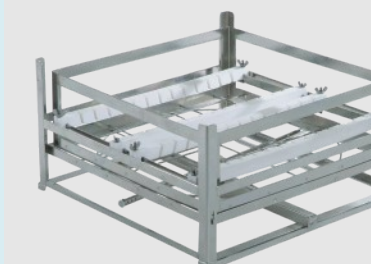
The modular design of our precision cleaning systems always guarantees that your specific cleaning requirements will be addressed in an optimal manner.



Multifunctional frame (two-dimensional) with height-adjustable lid



Stacking frame with stainless steel grating



Stainless steel basket with Teflon rods



Trolley for continuous and batch operations with washing wing and stainless steel grating support



Washing wing