

ph-cleantec®
CLEARLY CLEAN RESULTS

1000 ESR-Tower

For Acids and Demineralised Water
in Closed Housing



APPLICATION

ADVANTAGES

In general

- ✓ Fast, gentle, and efficient
- ✓ Both climate friendly and health friendly
- ✓ Autonomous, mobile, can be used inside a workshop

Parts cleaning

- ✓ Cleaning from precision parts up to 10 ton motor
- ✓ For cleaning with acids or demineralised water
- ✓ No lime residues with demineralised water

Machine cleaning

- ✓ Using the own emulsion
- ✓ Ideal for areas which are difficult to access or fragile
- ✓ Reduction of stillstand times

Cleansing

- ✓ Cleaning polish remains from high gloss polished parts
- ✓ Cleansing window panes with demineralised water
- ✓ Cleaning off remains of cleaning agents

Application examples

- ✓ Cleaning of high gloss polished parts
- ✓ Applications with high hygiene requirements
- ✓ Stainless steel options ideal for aggressive environments

Technical Data 1000 ESR-Tower

- Mobile and independent
- With closed tower including exhaust fan
- Large selection of accessories
- With water recycling system
- All parts in contact with media are acid and demineralised water resistant
- For environments with particular hygiene requirements



Technical Data	1000 ESR-Tower
Working pressure	~ 3.0 - 12 bar
Working temperature	~ 95°C in 60 seconds (at 8 bar) at 12 bar ~ 80°C
Spray-/water volume	~ 1.1 - 2.4 liters / minute
Type of current	3P-N-PE/400V/50Hz/16A + 230V/50Hz/10A
Power consumption	9.9 kW device + 1.1 kW tower
Filling capacity	60 liter tank 30 liter collector
Automatic water level control tank	Standard
Filling of tank	With quick change coupling for hoses
Dimensions	1100 x 600 x 1900 mm
Weight (empty)	150 kg
Collector load capacity	80 kg
Water recycling	With 25µm filter
Noise level	< 70 dBA
Concentrate tank	No concentrate tank in this unit Adding of cleaning agent via dosing pump or direct filling into the tank
Dosing pump cleaning agent	Option DE-DP
Pressure control	Stepless, on the unit
Temperature control	Option 1000 ET
Connector cable	7.5 meters
Hoses	Spray hose lance 5 meters Spray hose pistol in tower 1 meter
Chassis in custom colour	Option 1000 WF
Stainless steel upgrades	Options SR-EC (chassis), 1000 ER (wheels)

Subject to technical modifications. As of August 13, 2021.