



FUNCTION PACKAGE

# DI-Water System Combi



For the production and quality control of deionized (DI) and demineralized (DM) purified rinse water in the cleaning system.

**Part numbers:**

- 0905OP32-8DIC (PSE 300 2VL)
- 0905OP34-8DIC (PSE 300 2VL-XL)
- 0905OP33-8DIC (AQUBE® MV3 ONE)
- 0905OP81-8DIC (AQUBE® / PSE MV8 TWIN systems)
- 0905OP91-8DIC (AQUBE® MV9 QUAD)

## Application

When cleaning misprints in AQUBE® and PSE systems, the rinse medium (usually water) should be as free as possible of salts and lime to achieve the desired degree of electrical and optical cleanliness.

The DI- / DM-water system directs either normal drinking / tap water through a resin cartridge into the final rinse tank so that it is desalted and mineral-free or the rinse tank is filled from a DI-water feed provided by the customer.

The integrated DI-monitoring module which is connected to the PLC permanently monitors the water quality by means of  $\mu\text{S}$  conductivity via a DI-transmitter placed in the final rinse tank. If it falls below the preset value ("DI warning threshold"), a message ("replace DI cartridge") for changing the resin cartridge or exchanging the water from local DI-water feed is automatically signaled by the PLC.

With the DI-controller in the rinse tank also an automatic water change can be initiated. With the PLC setting of a necessary DI / DM clear rinse cycle time and / or a regular time (day and hour) the water exchange of the tank can be initiated automatically.

NOTE: The DI Water System Combi function package includes (in contrast to the standard DI-Water System function package) an automatic water exchange for pumping out and refilling the rinse tank. It is intended for kolb systems that do not have this option in their basic equipment (such as AQUBE® / PSE MV and PSE 300 2VL stencil cleaning systems).

**Compatibility**

	AQUBE® LH5
	AQUBE® LH7
	AQUBE® XH5
	AQUBE® XH7
	AQUBE® XH9
	AQUBE® MH5
	AQUBE® MH7
	AQUBE® MH9
	AQUBE® MV3 ONE
	AQUBE® MV8 sTWIN
	AQUBE® MV9 QUAD
	PSE LH5
	PSE LH7
	PSE MH5
	PSE MH7
	PSE MV8 TWIN
	PSE 300 2VL
	PSE 300 2VL-XL
	PSE 300 VL
	PSE 300 2HD
	PSE 300 HD
	AF 20
	AF30
	AF75

### Function package - Components

- Automatic water exchange (Single option)
- DI / DM water measuring unit with  $\mu\text{S}$  conductivity measuring probe (Functional part)
- PLC module (read / evaluation unit) (Functional part)
- DI mixing-blending unit (Functional part)
- DI / DM water treatment resin cartridge (Accessory)
- Cartridge deaerator (Functional part)

NOTE: Single options and accessories can be ordered and fitted separately, functional parts are exclusive components of a function package.

Standard in the system
Option ex factory
Retrofittable
Incompatible