



FUNCTION PACKAGE
PCBA Cleaning

Function package (mainly for upgrading compatible kolb stencil cleaning systems - see part numbers below) for qualified PCBA and single-side mounted misprints cleaning.

Part numbers:

- 0905OP33-1PCBA (AQUBE® MV3 ONE)
- 0905OP82-1PCBA (AQUBE® MV8 sTWIN)
- 0905OP91-1PCBA (AQUBE® MV9 QUAD)



Application

The PCBA Cleaning function package qualifies **kolb** cleaning systems for the thorough removal of flux residues, colophony, resin, oxides and soldering materials are of printed circuit boards, active and passive electronic components, BGAs, flip chips, relays, inductors, etc.

The cleaning of an assembly is not only a necessary prerequisite for reliable bonding and / or varnishing and so e.g. for climate security / avoiding current leakages. Assembled PCBs cleaning also allows debugging and so preserves the value of misprints and / or ensures the optical quality of the electronic components.

The function package PCBA Cleaning includes the heater for the cleaning tank A (TA), an automatic water change unit for cycle-controlled pumping out and automatic refilling of the rinse tank, the function package DI water system with DI / DM water measuring unit with µS conductivity measuring cell as well as an evaluation unit connected to and integrated in the PLC, also a DI bypass treatment unit for conductivity-controlled change of the rinse water, as well as an ion exchanger cartridge and a cartridge deaerator.

The function package is installed as standard in **kolb** PCBA cleaning systems, but can also be integrated as an option or retrofitted in compatible **kolb** 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

- Heater cleaner tank A (Single option)
- Automatic water exchange with lifting system function for the rinsing circuit (Single Option)
- DI water system (Function package)
 - DI- / DM water measuring unit
 - DI -Bypass processing unit
 - Ion exchanger cartridge
 - Cartridge deaerator
- Process software package (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