CLEANING TECHNOLOGY
Made in Germany

FUNCTION PACKAGE
Traceability Basic

Traceability Basic collects, documents, saves and archives process relevant data for download to password protected SD card (slot) in the PLC of the cleaning system.

Part numbers:
0900PSE-17TBS (Stencil cleaning) - *Scanner on the front panel*
0900PSE-17TBP (PCBA cleaning)
0900AQ9-17TBS (AQUBE® MV9, AQUBE® XV9)

Application

Traceable data transfer of process-relevant data for download to SD card via slot in the PLC of the cleaning system.

Data transfer of the following information:
- Quantity and marking of cleaned PCBs / products
- Scan-Data: max. 50 Symbols ASCII Code European 32-127
- Date / time of process start
- Temperature of the cleaning detergent (if data / hardware is available)
- Process relevant parameters
- Quality of the clear rinse water in µS (if data / hardware is available)
- Drying temperature (if data / hardware is available)
- Error messages during a running process (max. 3)
- Data / time of the process end
- Information regarding the detergent used

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

☐	Wireless handheld scanner
☐	Software module
☐	SD card

Standard in the system	Option ex factory	Retrofittable	Incompatible
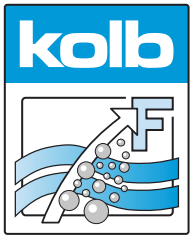
Data tracking

kolb offers two traceability options for its cleaning systems.
A Basic version, compatible with all systems with touch panel
(PSE and AQUBE®-Systems) and a Comfort version, available
for all AQUBE® systems.

Part numbers:
Traceability Basic: 0905PSE-17TBx
Traceability Comfort: 0905AQx-17TDT

TRACE
Traceability

Characteristics

Traceability Basic	Traceability Comfort
Storage of process-relevant data in a file on SD card in the PLC touch panel of the cleaning system. File Type: .csv (other formats can be requested)	Transfer and backup of process-relevant data in a SQL database (Microsoft SQL Server 2017, Express, free download version) with DataLogger (on a system-integrated PC)
Collection of data for further processing in his MES by customer	Visualization of the data in an edited table on the traceability monitor
Handheld scanner for data matrix and barcode	Handheld scanner for data matrix and barcode
SD card	Integrated industrial PC with Intel processor
---	In the right side door of the system integrated retractable touch monitor
Data transfer of the following information: • Quantity and marking of cleaned assemblies / products / cleaning goods • Date / time of the process start • Temperature of the detergent (requirement: corresponding system configuration) • All process-relevant times • Quality of the rinse water in µS (prerequisite: corresponding system configuration) • Drying temperature (requirement: corresponding system configuration) • Error messages during the process • Date / time of process end • Information about the cleaning medium	Data transfer of the following information: • Quantity and marking of cleaned assemblies / products / cleaning goods • Date / time of the process start • Temperature of the detergent (requirement: corresponding system configuration) • All process-relevant times • Quality of the rinse water in µS (prerequisite: corresponding system configuration) • Drying temperature (requirement: corresponding system configuration) • Error messages during the process • Date / time of process end • Information about the cleaning medium
Scan data: max. 50 characters ASCII code, European 32-127	Scan data: max. 50 characters ASCII code, European 32-127
Download to password protected SD card	Interface software from the system PLC to SQL database