



WPSD200

Wastewater disposal system for the treatment of heavy metals containing water to be drained into the sewage network

As an optional extension for **kolb** cleaning systems with integrated ClosedLoop recycling technology

Footprint (incl. reservoir): W 1.020 x D 1.750 x H 1.720 mm

Part number: 090500-WPSD200



Certifications:

This system in its basic version was certified for its energy and water saving processing, for easy operability and for the standard integration of comprehensive safety features.

- Connection of 3 rinse water circuits/cleaning systems
- Collecting tank for approx. 350 litres
- Fully automatic process cycles
- PLC-controlled process and service intervals
- Integrated water lifting equipment to the public waste water system
- Automatic dosage of the suspending agents
- 5 filter stages
- Containers with approx. 250 litres tankage
- Maintenance access via front doors and left door
- Also suitable for **kolb** PSB systems

Key applications



AQUBE® systems



PS systems



AF systems

A rinse water circuit is task-oriented integrated into all **kolb** one-chamber cleaning systems. In general, these are systems for cleaning assemblies (PCBs / DCBs) or also for maintenance cleaning (solder frames / carriers, condensation traps, etc.). The rinsing water is multiply reprocessed by the internal ClosedLoop technology. After the rinse water is finally fully wasted (depending on the number of cycles and task-setting) it must be discarded.

The cheapest disposal is the introduction into the public sewage system. This may only be done under consideration / compliance with legal limits!

With the **kolb** WPSD200 wastewater treatment system wasted rinse water containing heavy metals is processed (incl. pH regulation) so that it can subsequently be introduced into the public sewage system.



WPSD200



Wastewater recycling system for processing and reuse of heavy metal containing water in the CrossLoop configuration

Part number: 090500-WPSD200

Function

With the WPSD200 system rinse water with a too high heavy metal content of lead, copper and tin will be, including pH-value regulation, purified to such an extent that it complies with statutory provisions and thus can be discharged into the public sewage water system.

Other substances or process tasks have to be defined and treated differently and are not within the scope of supply and services. Conductions, etc. are not included in the standard system and should be established separately.

Firstly the filter stages will be adjusted to the rinse water to be processed.

The rinse water of the upstream connected cleaning systems is collected in the first receiver tank. After a first filtration the water is batched with suspending agents in a second process tank. Passing through multiple PLC-controlled filter stages absorber cartridges the rinse water is continually processed and will be transferred to a third tank.

In the final treatment it is terminally adjusted to the local waste regulations values in order to drain it into the sewerage network.

Several integrated measuring outlets allow water sampling to constantly analyze external the quality along the process.