



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

SENTRY COOLANT LOOP COOLANT RECYCLING SYSTEMS

COOLANT RECYCLING SYSTEMS

By removing fluid from dirty sumps regularly, coolant recycling systems ensure you remove coolant contamination efficiently and effectively.

SmartSkim CoolantLoop Coolant Recycling Systems incorporate skimming and coalescing technology to capture and separate contaminated oils from your machining coolants accurately. This is due to its filterloop process that removes solids down to 1-10 microns.

The CoolantLoop is versatile for your operations as it can be used with virtually any coolant while eliminating fluid stagnation. Each process tank is reinforced, welded, and has a powder-coated exterior to ensure equipment longevity.

Further benefits can be found in operation, installation, and maintenance as our coolant recycling systems require little worker interaction. This is due to standard filtration housing and a steel floating suction skimmer for process automation and limited employee cleaning. However, a total system cleaning once per year is still recommended.

SmartSkim's coolant recycling machine ensures reliable, continuous recirculation without splitting weak emulsions or removing necessary additive packages – maximizing your return on investment.

MODELS

CL400 | CL800 | CL1200 | CL2400

BENEFITS

- Reduces the cost of new coolant concentrate purchases by 35% to 65%
- Cut your cost of dirty coolant disposal by 50% to 90%
- Better control of coolant concentration levels
- Improve machine tool cleanliness, tool life, and reduce misting
- Eliminate environmental risks and the liability of off-site disposal

FEATURES

- Dual compartment processing tank allows for dirty coolant storage and a constant clean coolant supply
- Floating suction skimmers are included for the most effective skimming of tramp oils
- Oil separators and filters ensure efficient separation of oils and particulates
- Ozone generation via Corona Discharge Technology and microbubbles keep the system clear of bacteria and odor
- The air-operated diaphragm pumps provide ease of maintenance and minimal air consumption



CL400



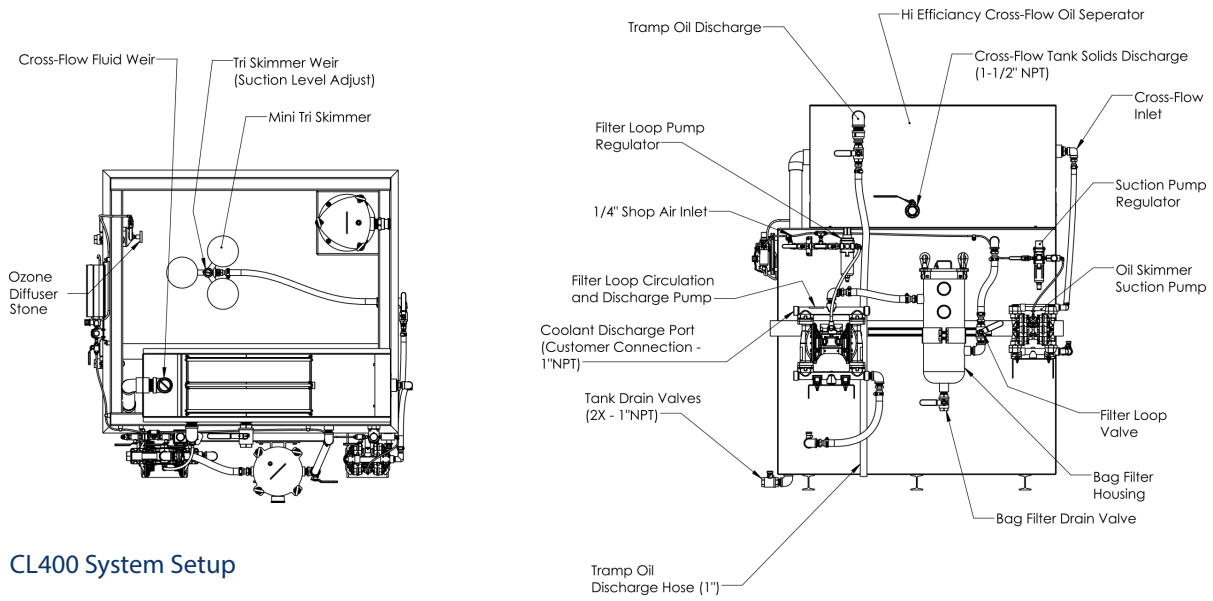
CL1200



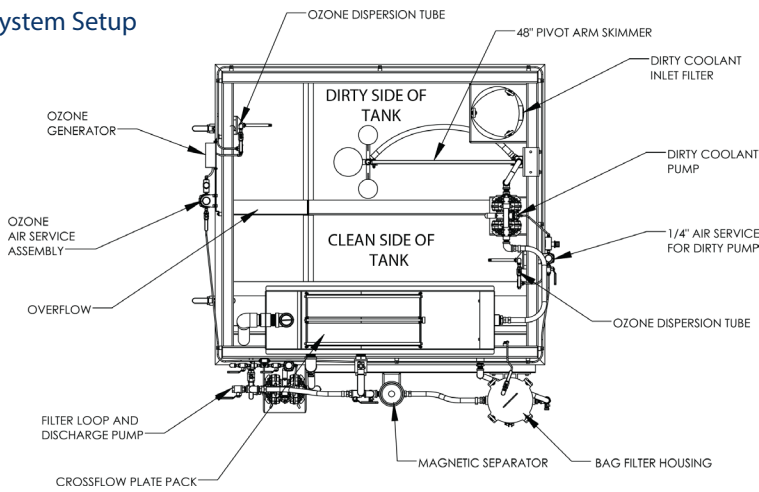
Sample. Monitor. Measure.

SENTRY

Any Application. Anywhere.



CL800 / CL1200 System Setup



SPECIFICATIONS

Instrument Air Required	30 PSI (2.07 bar); air consumption <15 scfm
Input Power	120V (240V available on request) for Ozonator
Process Pressure	3/4" NPT water line at 40 PSI (3 Barg)

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