

Innovative Equipment for Metalworking Fluids



Metalworking fluids need monitoring and managing to minimize potential contaminants. As part of our on-going commitment to you, we offer only the most reliable equipment to enhance your existing processes. We also provide the engineering expertise to select, configure, install, and start-up systems to monitor and control your processes.

Our experts and original thinkers possess

- ⊕ Years of experience in the metalworking industry.
- ⊕ Carefully cultivated relationships with key equipment suppliers.
- ⊕ An all-in-one approach to service.
- ⊕ The ability to save you time and money.

BASF
We create chemistry

Chemetall
expect more[⊕]

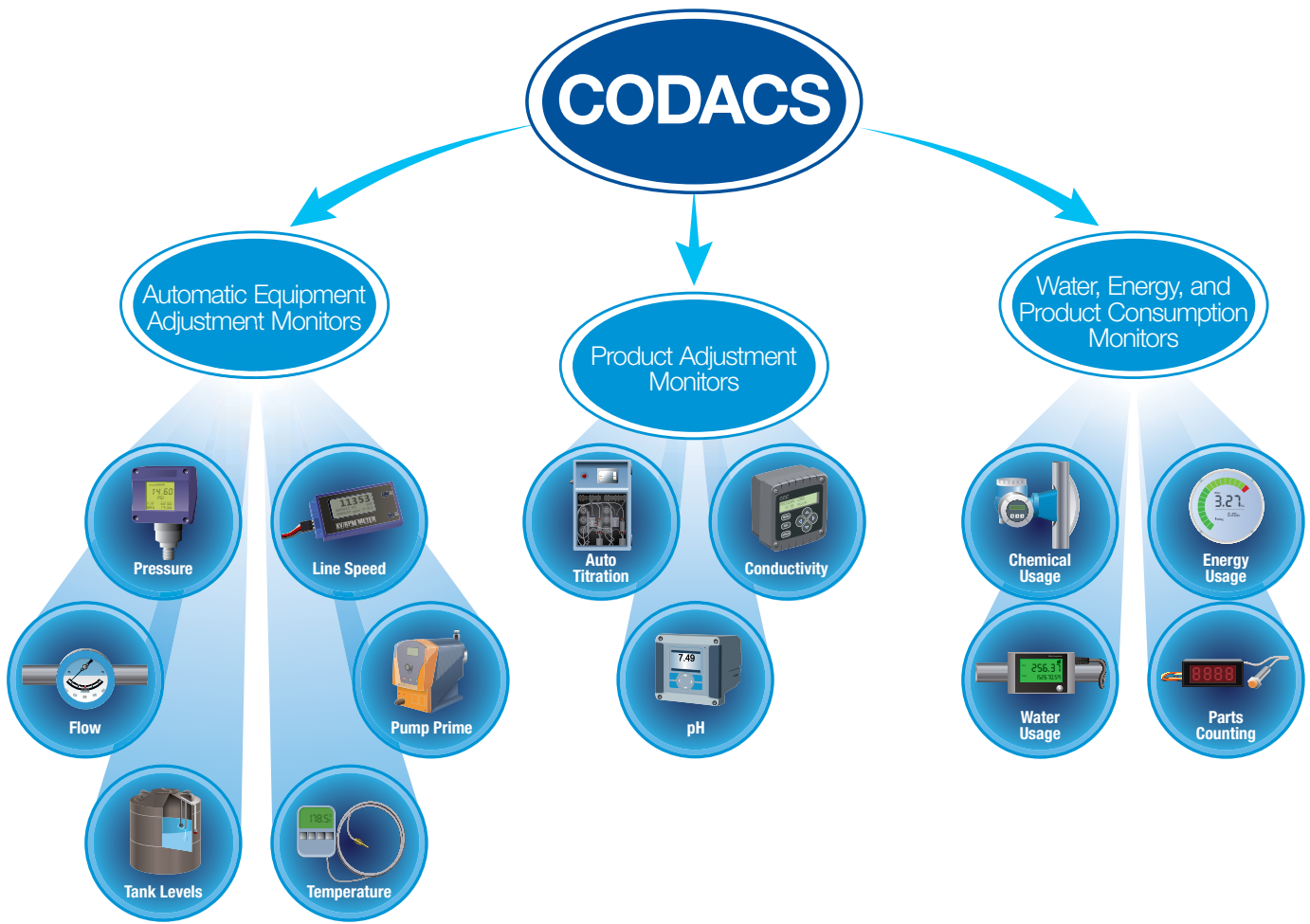
CODACS® Coolant Tracker

Chemetall's Original Data and Acquisition and Control System

- + Creates value by making your process visible.
- + High performance data acquisition system designed for monitoring and controlling industrial process applications from any network computer.
- + Maximizes your output.
- + Increases your efficiency.
- + Improves your productivity.
- + Reduces your downtime.
- + Gains cost savings.



Process control parameters CODACS monitors

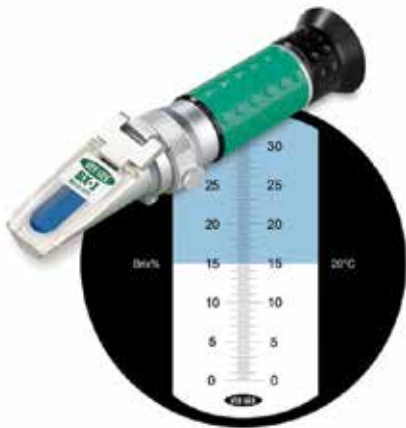


Watch our video at www.chemetallcodacs.com.



Refractometers

- ⊕ Measures concentrations of metalworking coolants/lubricants.
- ⊕ Patented automatic temperature compensation mechanism.
- ⊕ Completely sealed — no dirt or condensation on lenses.
- ⊕ Totally portable.
- ⊕ Rugged construction.



Proportioners (Drum mounted and fluid driven)

- ⊕ Uniformly and automatically mixes coolants.
- ⊕ Can be used on water-based metalworking fluids.
- ⊕ Utilizes water pressure — no need to be near electrical outlets.
- ⊕ Applicable with any size container.
- ⊕ Eliminates use of drum racks, hoists, and mixing tanks to save space and minimize handling.
- ⊕ Limits exposure to chemicals.
- ⊕ Decreases amounts of spills and possibility of contamination.



Surface oil skimmers

- ⊕ Features an oleophilic belt and unique method of stripping the separated oil without contact with a stationary scraper.
- ⊕ Excellent combination of performance and long belt life.
- ⊕ Low maintenance.





Oil removal systems and skimmers

- ⊕ Safe, efficient, and easy to use equipment to remove tramp oil from coolants.



Coolant recyclers

- ⊕ Complete coolant and fluid management in a single machine.
- ⊕ Automatic proportioner and mixer provide coolant make up and concentration control.



Magnetic particle removal systems

- ⊕ Extract ferrous particles.
- ⊕ Improve surface finish in grinding and metal cutting operations.





Coolant centrifuge

- + Removes both free and emulsified tramp oils to 0.5% or less particulate matter to 5 microns nominal in one pass on any stable coolant or cleaner.
- + Includes high speed, manually cleaned, disc bowl centrifuge.



RO water systems

- + Easily remove dissolved inorganic solids from water.
- + Forces water molecules through a semi-permeable reverse osmosis membrane.
- + Highly efficient filtration.
- + Reducing contaminants increases fluid life.

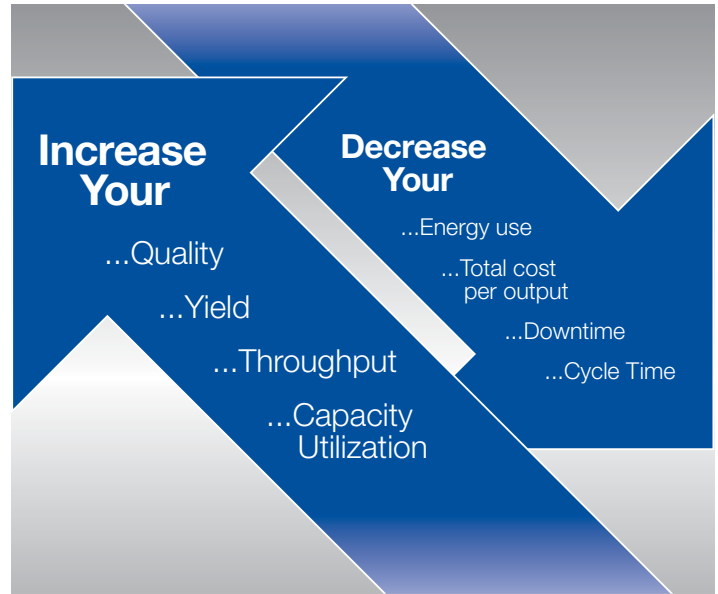


Sump cleaners

- + Rapidly remove fluid, sludge, and chips from the sump.
- + Filter the sludge and chips from the fluid via the reusable fluid liner.
- + Return the filtered fluid to the sump, or transport the fluid to a fluid recycling system.
- + Quickly refresh your sump for more up-time.



Cut it. Clean it. Coat it. Control it. Conserve it.® with us!



Our focus is you, our metalworking customer!

At Chemetall, we are dedicated, so you can expect more. Our global specialists are locally available. Our experts provide focused, passionate, and accountable support. You can expect the highest quality from our integrated portfolio of innovative products. Our labs are fast and accurate. We will collaborate with you to increase the efficiency of your process performance.

We are the Surface Treatment global business unit of the Coatings division of BASF, operating under the Chemetall brand, a leading supplier of applied surface treatments and services for metal, plastic, and glass substrates in a vast range of industries and end markets. As process innovators, fully dedicated to your success, we develop, manufacture, and provide best-in-class technologies, systems, and expertise.

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