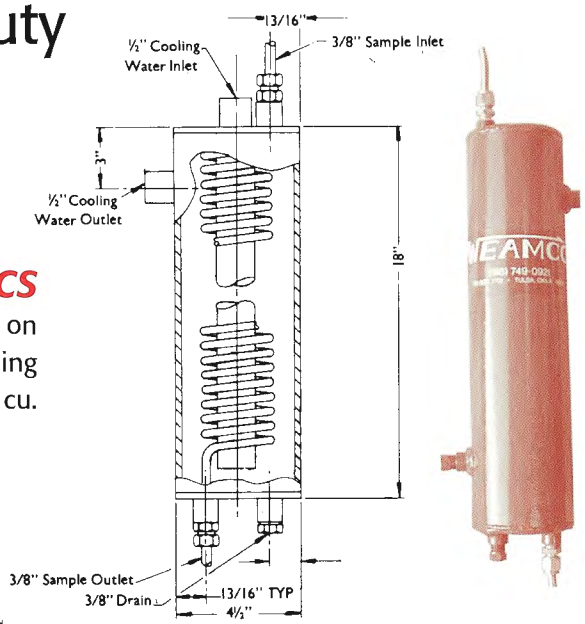
Sample Coolers

For Process or Boiler Water Service/ Continuous or Intermittent Duty



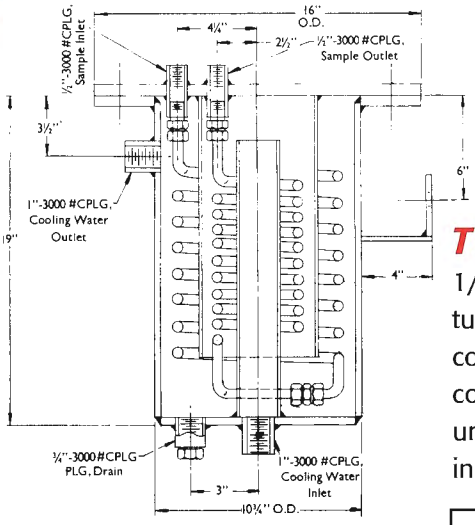
TYPE SCS

3/8" OD Tube approx. 20' length coiled 21 turns on 3" OD Single pass, countercurrent type with cooling surface area 254 sq. inches. Coil volume 17 cu. inches. Shell volume 199 cu. inches (0.86 gal.)

TYPE SCS

TYPE SCL

Illustrated with removable top for cleaning or replacing coil. Also availble with solid welded top.



TYPE SCL

1/2" OD Tube approx. 40' length coiled 8 turns on outside coil and 11 turns on inside coil. Single pass, countercurrent type with cooling surface area 622 sq. inches. Coil volume 46 cu. inches. Shell volume 1300 cu. inches (5.6 gal.)

Standard materials available

TYPE SCS	SHELL MATERIAL	COIL MATERIAL	TYPE SCL
SCS-101	Carbon Steel	Carbon Steel	SCL-101
SCS-102	Carbon Steel	304 SS	SCL-102
SCS-103	Carbon Steel	316 SS	SCL-103
SCS-201	304 SS	304 SS	SCL-201
SCS-202	304 SS	316 SS	SCL-202
SCS-301	316 SS	316 SS	SCL-301

Thermocouple connectors same material as shell. Process Connectors same material as coil. Coils can also be supplied in Monel, titanium, etc. Consult factory. Carbon steel has one coat shop primer.
All customer connections are National Pipe Thread or Tubing Ends.

Information Required For Steam Service

1. Flow rate lbs./Hr.
2. Pressure
3. Available cooling water temperature.

Information Required For Hydrocarbon Service

1. Product to be sampled and volume
2. Viscosity
3. Sample temperature in
4. Required temperature out
5. Available cooling water temperature

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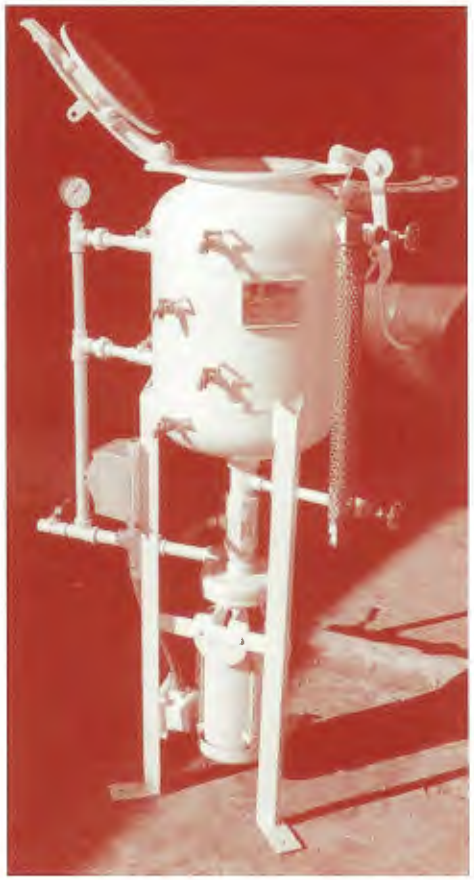
Sample Containers

WeamcoMetric manufactures a complete line of rugged and dependable sample containers featuring pressure vessel construction that will provide years of trouble free crude oil service.

The SB Series Sample Container features a spray bar mixer which has been engineered and sized to provide the rolling action necessary for a complete homogeneous mixture. Other features include an easily cleanable sight gauge glass, Class 1, Group D, Division 2 explosion-proof electrical system with 1/2 horsepower explosion-proof pump motor, sample ports, epoxy coated tank, 8" quick-opening closure for observation and easy clean out, pressure relief and vacuum break valve, 0-30 psi gauge, pump-out valve, and bottom drain valve for complete sample evacuation. 15 PSI Design Pressure. Safety wire tabs are welded at all container outlets.



Model SC-SB-10V

Model SC-SB-20H
Designed for offshore service

OPTIONS AVAILABLE

- Swing-Bolt Full Diameter Top Closure
- 3/4 hp and 1 hp Pump Motors
- Insulated all-weather shelters
- Static Mixer

Model	Capacity Gallons	No. Sample Ports
SC-SB-5 V OR H*	5	4
SC-SB-10 V or H*	10	4
SC-SB-15 V or H*	15	5
SC-SB-20 V or H*	20	6
SC-SB 30 V or H*	30	8

H* - Horizontal Mounted Pump
V - Vertical Mounted Pump
Vertical style sample containers designed for use in enclosed structures only.

How to Order

1. Quantity
2. Model Number with H or V motor mounting.
3. Options or accessories required

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