

# COBRA - M

## MANUAL LIQUID SAMPLE SYSTEM



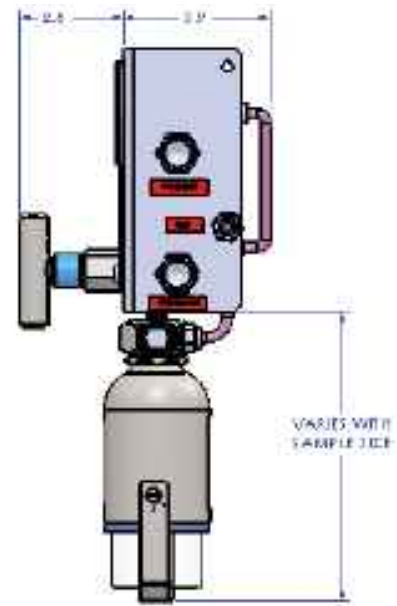
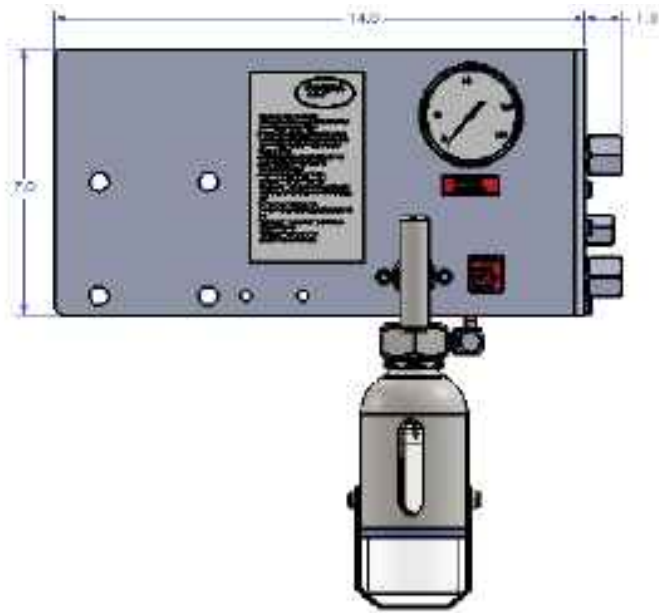
Designed for longevity, the Cobra M liquid sampler boasts a variety of unique features that makes it simpler to install and easier to operate. Made of stainless steel or other exotic materials, the sampler meets the highest standards of quality and reliability. All of our Cobra M units use the Cobra-designed sampling valve that allows throttling and control of sample flow. The Cobra needle design provides ample time for air and other gases to be expelled. Representative samples are assured by following step by step procedures printed on the system.

The Cobra M includes a multi-turn handle that permits precise flow control, while a full bore flow path ensures that no pressure is lost while the sample is being taken. The standard units come with our special coaxial needle system, the risk of bent or broken needles is reduced dramatically. The Cobra sampling valve has been specifically designed for process sampling, and protects against contamination to ensure the safety of the operator while maintaining the integrity of every sample taken.



## KEY FEATURES:

- ▶ Provides an emission free sample that is representative of the process
- ▶ Allows compliance of all EPA and LDAR requirements
- ▶ Cobra Needle (\* Patent Pending)
- ▶ Safe to Operator and Environment
- ▶ Step by Step Instruction Tag and valves labeled for simple operation
- ▶ All connections are made on side plane and labeled for ease of installation
- ▶ All units have unique sampling valve designed specifically for sampling. The allows regulation of the liquid flowing into the bottle and reduces the possibility of liquid entering the bottle faster than air and other gases can be evacuated.
- ▶ Optional Features including Disposable Captured Vent Canister
- ▶ Following applications:
  - Process sampling of low vapor pressure liquids (<18psiA) and low process pressure (<140psi)



### Cobra - M Manual Liquid Sample System

Material of Construction	
S	Stainless Steel
Q	Special (please specify)
Bottle Sample Size	
2	2 oz. Boston Round
4	4 oz. Boston Round
8	8 oz. Boston Round
16	16 oz. Boston Round
32	32 oz. Boston Round
Q	Custom
O-Ring Material	
V	Viton
K	Kalrez
Q	Other
Compression Fitting	
S2	Standard (1/2") * Vent Connection 1/4"
W2	Swagelok (1/2") * Vent Connection 1/4"
P2	Parker (1/2") * Vent Connection 1/4"
Q	Other
Vent Type	
S	Vent to Flare
EF	Vent to Emission Filter
EFSS	Vent to Stainless Steel Emission Filter
EFI	Vent to Emission Filter with Indicator
EFISS	Vent to Stainless Steel Emission Filter with Indicator
Process Temperature	
S	Standard ( Process Temperature < 140F
C	Cooler Required ( Process Temperature > 140F
Process Pressure Range	
1	0-100 psi Inlet Pressure Gauge
2	0- 200psi Inlet Pressure Gauge
Q	Other ( please specify)
Shroud Material	
DR	Delrin
SS	Stainless Steel
Options	
NP	Needle Purge
EP	Secondary Isolation Valve
PS	PipeStand ( 2")
PBI	Process Isolation Valve (Inlet)
PBR	Process Isolation Valve (Return)
DS	Dual Pipe Stand for mounting cooler
ENC	Mounted in Enclosure
PX	No Process Return ( Return to Vent)