



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

# SENTRY MGC SAMPLER

## Low Emission Samplers

### MANUAL SAMPLING

The Sentry® MGC manual low emission sampler is ideal for representative sampling of hazardous or toxic chemicals, providing utmost safety to operators and the environment. This sampler allows the operator to extract a representative sample and use a hand-held testing tube device (sold separately from other suppliers) to test concentrations, while protecting the operator and environment from contact with the dangerous vapors.

### MODELS

MGC

### BENEFITS

The Sentry MGC sample panel collects a volume of sample gas and reduces its pressure to atmospheric pressure. Then, a gas detection tube is used to measure gas concentration. The gas detection tube requires that the gas remain at atmospheric pressure throughout the testing cycle, and the sampling system maintains constant pressure of the collected sample throughout the sample extraction process.

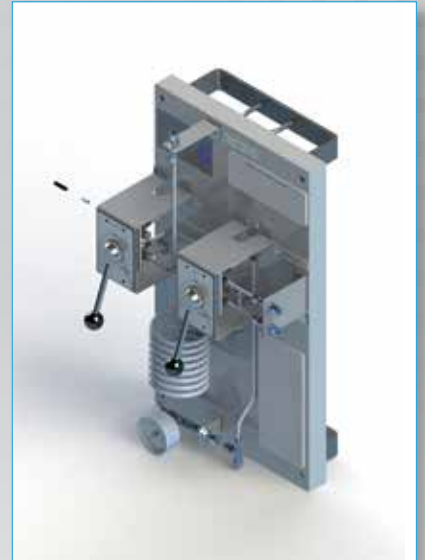
The Sentry MGC sampler utilizes tandem three-way valve switching assemblies, allowing the sampler to be flushed or purged to remove old material, and providing a contemporary, representative sample.

This sampler is able to sample the following materials while protecting the safety of operators and the environment.

Acetone	Hydrazine	Pentane
Ammonia	Hydrogen sulfide (H <sub>2</sub> S)	Petroleum hydrocarbons (n-octane)
Benzene	Mercaptan	Sulphur dioxide
Carbon dioxide (CO <sub>2</sub> )	Mercury vapor	Toluene
Carbon monoxide (CO)	Natural gas	Trichloroethane
Carbon tetrachloride	Nitrous fumes	Trichloroethylene
Chlorine	Oil mist	Water vapor
Cyanide	Oxygen	... and many more
Hexane	Ozone	

### FEATURES

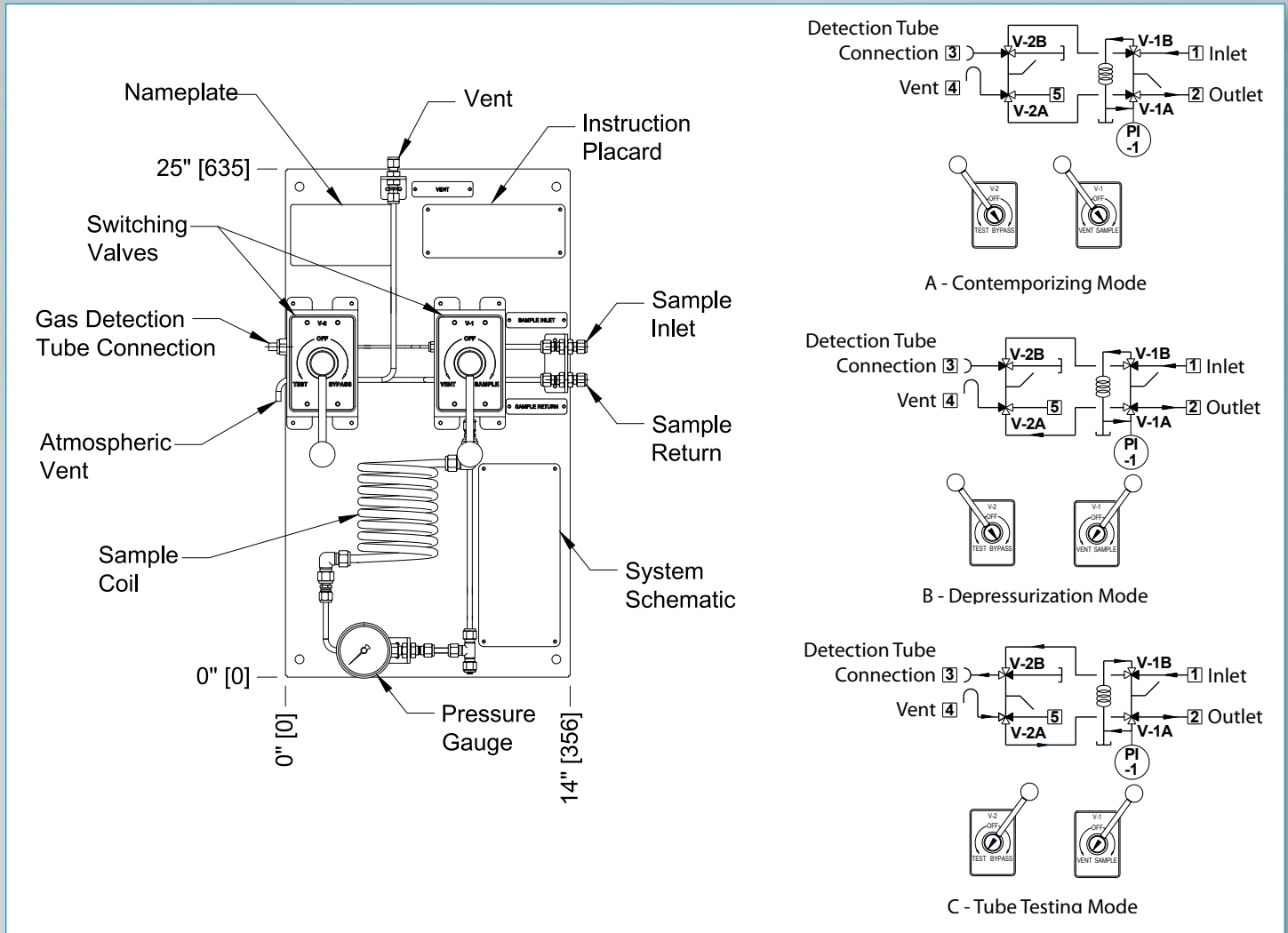
- Designed to minimize fugitive toxic gas emissions, reducing exposure risk to the environment and operator
- Provides a representative sample at constant atmospheric pressure as required during the testing cycle
- Options include sample cooler, enclosures, heaters, galvanized pipe stand



Sample. Monitor. Measure.

# SENTRY

Any Application. Anywhere.



SPECIFICATIONS	
materials	304 stainless steel backplate
wetted materials	316 stainless steel, PTFE, Viton®, Kalrez®
standard pressure rating	300°F at 2500 psi (167°C at 172 bar)
standard temperature rating	up to 300°F (149°C); higher temperatures available



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