

Turnkey Sampling APPLICATIONS



29-MC400LD25 Double Ended MiniCan with Pressure Relief and QC Valve



29-MC400L MiniCan with QC Valve



29-MC400LV25 Double Ended MiniCan with Pressure Relief and Valve



29-20000 MC400Lx30 Carrying Case



29-20200 MC400LD25 or MC1000L Nine Can Carrying Case



Pressure Reducing Sampler for Valve MiniCans



Pressure Reducing Sampler for QC Valve MiniCans

Silonite® coated Stainless Steel frit limits flow rate while the 35 psig relief valve provides safe pressure to MiniCan. Optional 25 psig relief valve on MiniCan allows flushing during sampling.

Advantages:

- ◀ Extremely reliable sampling technique
- ◀ Most inert sampling container available
- ◀ Long holding times
- ◀ Pressurizing to 25 psig into 0.4L MiniCans provides enough sample for at least 5-10 analyses
- ◀ Much more leak-tight than Tedlar bags or vial samplers
- ◀ Safe pressure reduction during sampling
- ◀ Flow through design is self cleaning during sampling

Process Gas

Process gas is easily sampled into MiniCans using a simple pressure-reducing inlet that safely fills canisters to 35 psig or less. Excess pressure can be vented to the air or through a charcoal adsorbent to avoid exposure. Quick connect sampling ports allow samples to be collected in seconds.

Advantages:

- ◀ Collect samples quickly and safely
- ◀ Internal Silonite® coating
- ◀ Small, compact design
- ◀ Longer holding times than Tedlar bags
- ◀ Flow-thru versions eliminate vacuum cleaning systems
- ◀ Pressure reduction is done during sampling, allowing safer transportation and laboratory analysis
- ◀ Autosamplers available for 21-position GC analysis

Unit	Part No.	Description
EA	29-MC400L	0.4L MiniCan with QC Valve
EA	29-MC1000L	1L Minican with QC Valve
EA	29-MC400LD25	0.4L Dual End MiniCan w/QC & 25 psig Relief
EA	29-MC400LV25	0.4L Dual End MiniCan w/Valve & 25 psig Relief
EA	39-69000	Pressure Reducing Sampler for QC Valves
EA	39-69100	Pressure Reducing Sampler for Valves
EA	39-70010	Vacuum Check Gauge for MiniCans
EA	29-20000	Carrying Case for 30 MC400 MiniCans
EA	29-20200	Carrying Case for 9 MC400 Dual End or MC1000 MiniCans

High Pressure Breathing Air

Breathing air is compressed into cylinders at pressures as high as 6000 psig. Contaminants either initially in the cylinders or introduced during the pressurizing process must be evaluated to confirm minimum safety requirements. Sampling into MiniCans allows virtually all gas phase contaminants, whether organic or inorganic, to be delivered safely to a laboratory for analysis. A 0.4L MiniCan allows detection of most contaminants to less than 1 PPM by simple loop-injection GC analysis. Lower detection limits can be obtained for VOCs using preconcentration techniques.

Unit	Part No.	Description
EA	29-MC400LD25	0.4L Dual End MiniCan w/QC & 25 psig Relief
EA	39-69000	Pressure Reducing Sampler for QC Valves
EA	29-20200	Carrying Case for 9 MC400 Dual End or MC1000 MiniCans
EA	39-69300	Breathing Air Sampling Kit
	<i>Includes:</i>	(5) 29-MC400LD25 Dual End MiniCans (1) 39-69000 Hi Pressure Sampler (1) 29-20200 Carrying Case