

# Turnkey Sampling APPLICATIONS



39-IH1200  
Personal Sampler



Replacement  
Restrictor



39-CS1200P  
and 29-MC400L

The CS1200P Flow Controller performs time integrated sampling into a MiniCan without requiring a source of power. The IH1200 complete personal sampler has everything needed to perform sampling in the workplace. Interchangeable restrictors allow the sampling time to be altered from 1 minute to 8 hours. The ability to fill a canister in just 1-5 minutes allows Short Term Exposure Limit (STEL) monitoring, which is generally not possible with tubes and badges. The new IH1200QT works with the economical Bottle-Vac Sampler (Pg 20).



Start an ERS program immediately with this all-in-one kit. A test gauge is included for easy, routine vacuum checks. Capacity is 15 vacuum samplers.



Fill restrictors simplify the sampling process. Internal limiting orifice and filter control the fill rate while eliminating particulates.

MiniCans and Bottle-Vacs collect the entire sample, rather than trying to perform difficult separations right at the point of release (tube sampling). These vacuum samplers allow recovery of a wider range of compounds than any other sampler, including toxic industrial chemicals and chemical warfare agents. Even compounds like formaldehyde that were once thought to require derivitization can be sampled and analyzed directly by GCMS.

## Industrial Hygiene

The MiniCan™ is ideal for personal sampling applications and brings the reliability of canister methods to VOC monitoring in the workplace. Since canisters do not attempt to selectively adsorb or alter the sample like tubes and badges, there is no longer a concern for adsorption and recovery efficiencies. The inert, fused silica interior surface of the MC400L and MC400QT MiniCan allows the analysis of many compounds that cannot be recovered from badges or tubes containing an "active" adsorbent. Sample volumes used in the analysis are determined in the laboratory, reducing the likelihood of field sampling errors.

Unit	Part No.	Description
EA	39-IH1200-x	MiniCan Personal Sampler <i>Includes:</i>
(1)	39-CS1200Px	Flow Controller, Gauge and Restrictor (specify)
(1)	39-35000	Sampling Belt
(1)	39-35010	Sampling Holster
(1)	39-36010	Inlet Line
EA	39-23010	1-5 Minute Sapphire Restrictor
EA	39-23080	15-30 Minute Sapphire Restrictor
EA	39-23240	1-3 Hour Sapphire Restrictor
EA	39-24010	4-8 Hour Sapphire Restrictor

See Codes 1-5 on page 23 and replace for "x" in part number above (eg- Code=2; PN 39-IH1200-2). Order PN 39-IH1200QT-x for Micro Valve version.

## Emergency Response Sampling (ERS)

Monitoring for chemicals in response to accidental releases requires the sampling device to be mobile and easy to use. It should also be small, light and inexpensive. The MiniCan fits this description better than any other sampling device available. Since the interior of the MC400L MiniCan is coated with the same material found in GC columns, it is essentially a portable extension of the GC that is more mobile and far less expensive than even the smallest GC.

Unit	Part No.	Description
EA	39-40020	Complete ERS Startup Kit <i>Includes:</i>
(6)	29-BV460A	16 oz Bottle-Vac™ Sampler - Amber
(3)	29-MC600QT2	0.6L MiniCan™ Sampler
(2)	39-RS-QT3	Restricted Sampler-5 Min in 0.6L
(2)	39-RS-QT5	Restricted Sampler-15 Min in 0.6L
(1)	29-70010QT	Vacuum Check Gauge for MiniCans
(9)	30-22070	Leak Tight Cap with Chain
(1)	29-20500	Carrying Case

See Pgs 16, 17, 20, and 21 for more information on kit parts