

# SA-77

## Automatic Liquid Samplers

**The Premium Liquid Sampler**  
Meeting the needs of industry, one sample at a time

Pneumatic Single Stroke Sampler w/ Glass Receiver



EHP Electric Sampler w/ Inter-locking sample control and double redundant safety shutoff



Fully self contained and explosion proof electric sampler



Pneumatic Multi-Stroke Sampler w/ plastic receiver



- ◆ Environmentally friendly
- ◆ Anti-Spill Inter-lock
- ◆ Only 2 moving parts
- ◆ Pneumatically or electrically operated models available
- ◆ Capable of sampling at pressures up to 1440psig
- ◆ Excellent for 'light oils' (23 to 30+ API) or 'heavy oils' (15 to 22 API)

- ◆ Sour (H<sub>2</sub>S) service applications standard
- ◆ Models for steam and other high temperature processes available
- ◆ Easily adjustable sample size
- ◆ Obtains representative samples for LACT and custody transfer sites
- ◆ Pipe, wall, or cabinet mountable



SA-77VENTCABINETFG  
- add-on cabinet legs & handle kit for portability and controlled venting.

Represented by:

Manufactured by:  
**Peterson Instruments**  
#123, 5655-10 street NE  
Calgary, AB Canada T2E 8W7  
p: 001-403-291-9169  
f: 001-403-291-0960  
e: info@petersoninst.com

**Peterson**  **Since 1978** **INSTRUMENTS** 

# SA-77

## Technical Support:

Our sales team is made up of well experienced certified tradespeople and specialists in process measurement and control. Also we have specialists in seals and fluid compatibility on staff. We will work with you to ensure you get a sampling system that will provides years of dependable service.

## Customer Satisfaction:

Your satisfaction is guaranteed. The SA-77 sampler was first introduced to industry in 1990. It was designed SPECIFICALLY to combat unreliability and the high costs of ownership of competing samplers. Because of this the SA-77 is in service on 4 continents, 7 countries and thousands of sites.

## Delivery:

All parts and pieces are made in North America ensuring quality and speed of delivery.

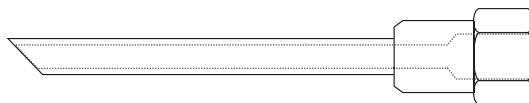
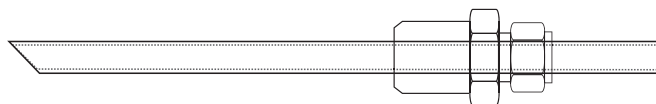
For more information on any of our products or services please visit [www.petersoninstruments.com](http://www.petersoninstruments.com)

## Applications:

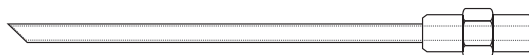
- Water Cut determination for oil production accounting
- Water Cut determination for oil production optimization
- Steam injection optimization (Water Usage and Steam Generation)in SAGD Heavy Oil and Bitumen production
- Sales Oil BS&W (Basic Sediment & Water)
- Loss control auditing
- Contract sampling for custody transfer points
- Process Point Testing
- Chemical usage optimization in oil production
- Portable well testing
- Liquid food production; i.e.: Canola Oil and Margarine production
- Water treatment sampling

### Approvals and Standards

ANSI	ASME	CRN	ERCB
300 & 600	B31.3	for all Provinces	Directive 17



Assorted Sample Probes available  
1 included with each sampler



ALL PROCESS WETTED PARTS ARE RATED FOR UP TO 10% H2S CONTENT

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