

The background of the entire page is a photograph of an industrial laboratory or refinery. It shows complex machinery, pipes, and tanks. A large, semi-transparent blue graphic consisting of several overlapping diagonal shapes is overlaid on the image. The text is centered within the darkest part of this blue overlay.

CRUDE OIL SAMPLING SOLUTIONS
ACCURATE. REPRESENTATIVE.

WELKER™

3 Vital Components of a Crude Oil System:



SAMPLER

Welker crude oil samplers offer various insertion types, grab size adjustability and sample speed to take proper isokinetic samples in accordance with API 8.2 and ISO 3171 standards.



CONTAINER

Welker containers store crude oil and maintain the integrity of the sample for lab analysis to meet API 8.2 and ISO 3171 standards.



DELIVERY SYSTEM

Our expert craftsmanship helps ensure 100% of the sample properly reaches the container. Optional upgrades are available to enhance system operations even further.



Carrying Handle

ProSlick™ Finish

Weigh Scale

Welker TCC mini

Crude Oil Samplers

A system is only as good as the sample it takes. All of our systems include a Welker sampler appropriate for the application. The Welker brand is highly regarded for incorporating innovative design and quality manufacturing in the array of samplers offered.

Our **inFlow™** crude oil samplers extract representative samples straight from the main pipeline.

Our **inLoop™** crude oil samplers extract representative samples from a fast loop.

Both crude oil sampler product lines offer a range of configurations to work in applications from the most common to the most demanding.

Containers

Welker offers various system container setups to satisfy the needs of both the application and the operator. To meet a wide spectrum of volume requirements, container size and quantity can be tailored to fit each application. Container volumes of 5-gallon, 3-gallon and 2.5 gallon are offered in banks of 2 to 12 containers on our systems. Each container is placed on a weigh scale or equipped with a high level switch to indicate individual product level.

The **TCC mini** combines comfort and versatility with an ergonomic design, mixing ability to meet industry standards and maximum transportability with DOT and Transport Canada approvals.

System Supply Source

The powerful EHUC is the integrated, reliable supply source, providing functionality to the components of the entire sampling system.



Welker EHUC



Welker inFlow™ ACE

External Adjustment



3 Checkpoint™

The Welker® Checkpoint™ provides a spot sample location within the system to verify correct volume output. The Checkpoint™ is also a system safety device that helps prevent overpressurization in the sample line.



4 Plug & Purge™

The Welker® Plug & Purge™ panel safely purges samplers and system tubing at the end of each batch to prevent cross-contamination and provide appropriate sample allocation.

2 inFlow™ ACE

The Welker® inFlow™ ACE takes representative isokinetic samples from the pipeline in accordance with industry standard API 8.2 and ISO 3171.

1 EHUC

The Welker® EHUC reliably actuates the ACE sampler and supports rapid grab rates for high volume or fast-flowing pipelines. Multiple samplers can be actuated with a single EHUC to allow simultaneous sampling into separate containers.

7 TCC mini

The Welker® TCC mini is lightweight and ergonomically convenient for transporting and handling. Our container design maintains the quality of the sample and optimizes capabilities with DOT approval and Transport Canada approval.

5 Containment Redundancy

In the unexpected event of overflow, the weigh scale and skid base provide two levels of excess product containment. The weigh scale can be removed to dispose excess oil, while the skid base utilizes a drain.

TURNKEY SAMPLING SOLUTION



Turnkey Sampling Solution

Welker offers complete package solutions tailored to fulfill your needs. Whether you need an entire system or single component, large setup or small, composite sampling or on-line analytics ... we will design and collaborate to provide a turnkey solution ready for immediate use upon implementation.



For more Welker product information,
please contact our Sales department:
281.491.2331

For installation, operation, and maintenance inquiries,
please contact our Service department:
281.207.1879



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