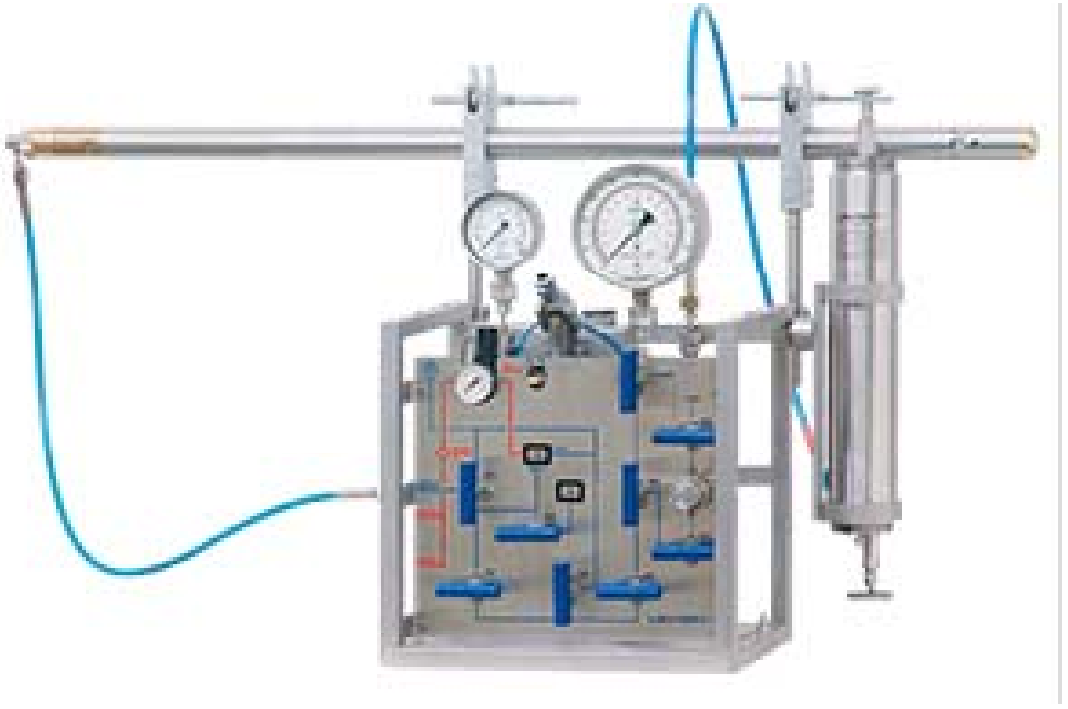
GEOTECH

Georesources Technology S.A.

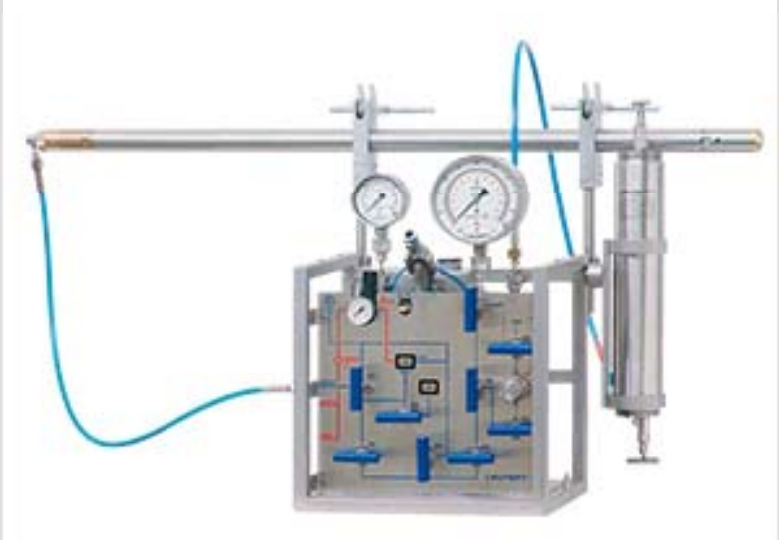
Bottom Hole Sampling on Oil and Gas Wells



WE COMMIT, WE DELIVER, NO EXCUSES

GEOTECH
Georesources Technology S.A.

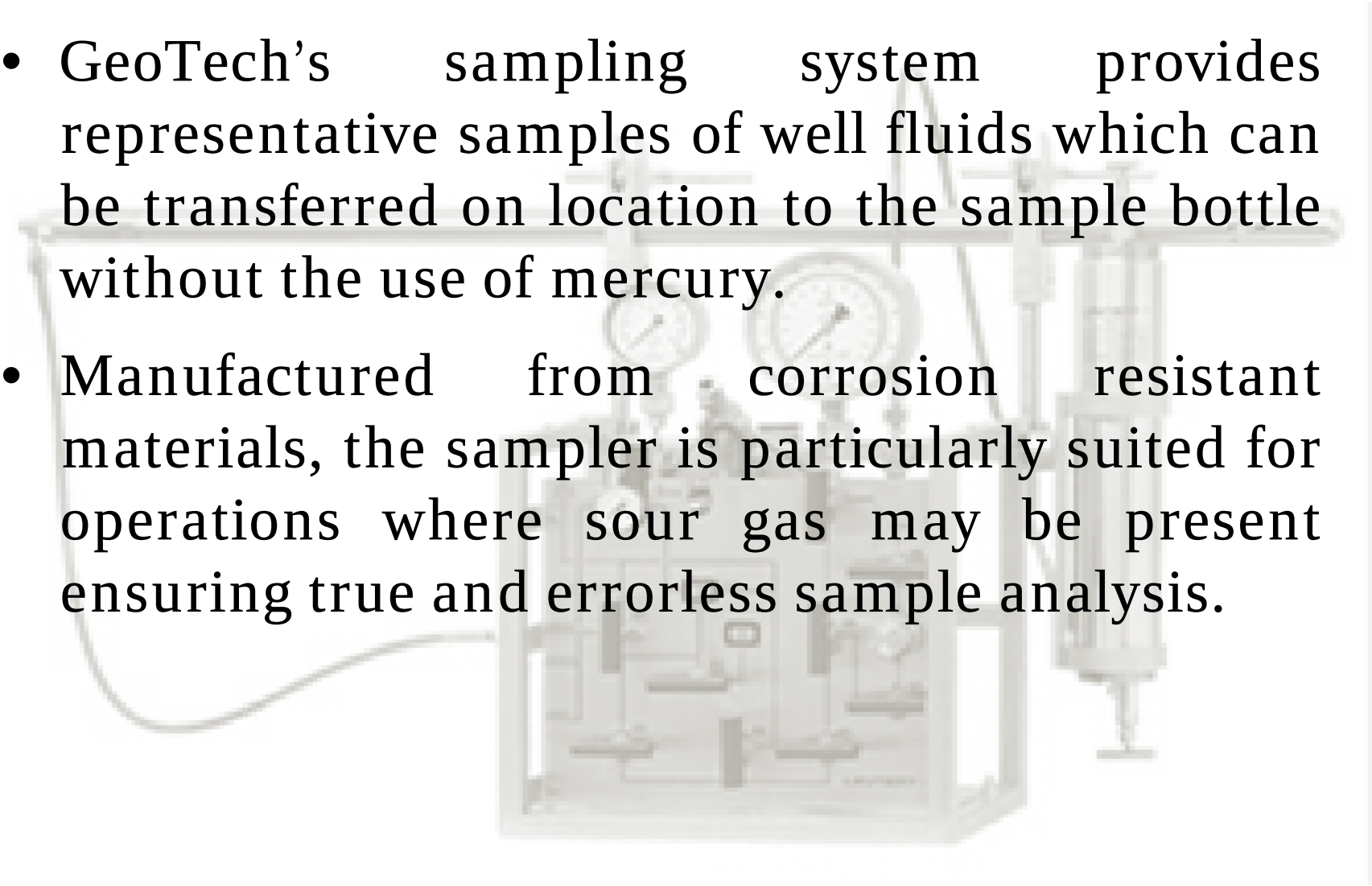
GeoTech can make available to its clients data vital to the economic and technical evaluation of the reservoir providing them an in situ bottom hole sampling service using slick line.



WE COMMIT, WE DELIVER, NO EXCUSES

GEOTECH
Georesources Technology S.A.

- GeoTech's sampling system provides representative samples of well fluids which can be transferred on location to the sample bottle without the use of mercury.
- Manufactured from corrosion resistant materials, the sampler is particularly suited for operations where sour gas may be present ensuring true and errorless sample analysis.



WE COMMIT, WE DELIVER, NO EXCUSES

GEOTECH
Georesources Technology S.A.

✓The “positive displacement” design of the tool is achieved by pressurizing a buffer fluid prior to running the tool.

✓When the tool is activated, the well fluid pressure progressively displaces the buffer fluid at a precise, predetermined rate, which takes into account the well temperature and pressure conditions.

✓When the sampling process is completed, the chamber is automatically sealed and locked.

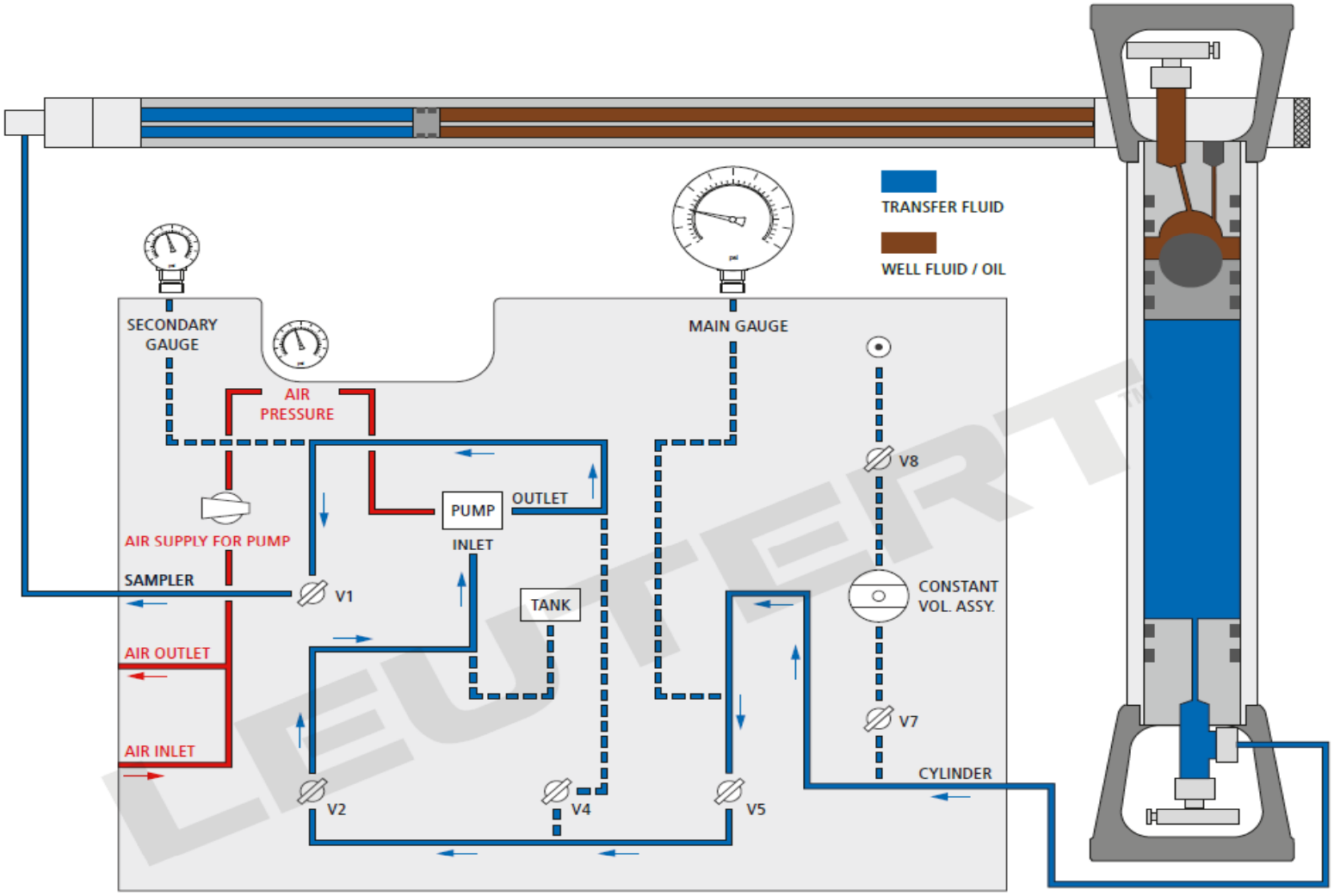
WE COMMIT, WE DELIVER, NO EXCUSES

GEOTECH
Georesources Technology S.A.

- The sample can be transferred to a piston sample bottle. The bottle has a capacity of 700 cc and is available with 10,000 psi or 15,000 psi working pressure.
- Heating Jacket is used in order to keep the sample its initial monophasic state.

WE COMMIT, WE DELIVER, NO EXCUSES

GEOTECH
Georesources Technology S.A.



Schematic of Field Transfer Unit Showing Sample Transfer into Sample Cylinder

GEOTECH
Georesources Technology S.A.

- ✓ For fluids contain asphaltenes and paraffins in a colloidal dispersion state the sample must remain in monophasic condition during the complete sampling process.
- ✓ To this end GeoTech can provide the One Phase Sampler (OPS).
- ✓ Using this unit the pressure variations of the fluid are compensated during temperature variations by equally varying the volume of the fluid sample to match the temperature variations.

WE COMMIT, WE DELIVER, NO EXCUSES

GEOTECH
Georesources Technology S.A.

83 PERIGIALI Str, P.O. BOX 1431
65201 KAVALA, GREECE
Tel: +302510231852, +302510231844
Fax: +302510620953
e-mail: info@georesources.gr
www.georesources.gr