

HIGH SPEED CHROMATOGRAPH



Gas Chromatograph

The gas chromatograph is an extremely important tool used in the identification and interpretation of formation hydrocarbons and in the characterization of reservoir fluids and contacts. Often, hydrocarbon shows are missed or poorly evaluated due to the sampling and analysis speed limitations of most conventional chromatographs.

Datalog provides the latest in high speed thermal conductivity gas chromatographs (TCD GC), providing fast, accurate data that ensures maximum depth resolution and eliminates the risk of bypassing pay or poorly defining zones of interest. The High Speed Chromatograph features are as follows:

- Detecting thin bedded zones, fracture porosity.
- Identifying zones of interest and fluid contacts.
- Identifying zones of interest in horizontal or highly deviated wells, thus reducing geophysical log requirements.
- Providing a cost effective solution for geo-steering wells.
- Non-hydrocarbon applications such as detecting helium associated with geothermal fractures.

Reservoir Characterization and Geosteering

