

System Description AC Benzene Analyzer EN 12177

AC Benzene Analyzer Determines Benzene Content in Liquid Petroleum Products and Unleaded Petrol according to EN Method 12177

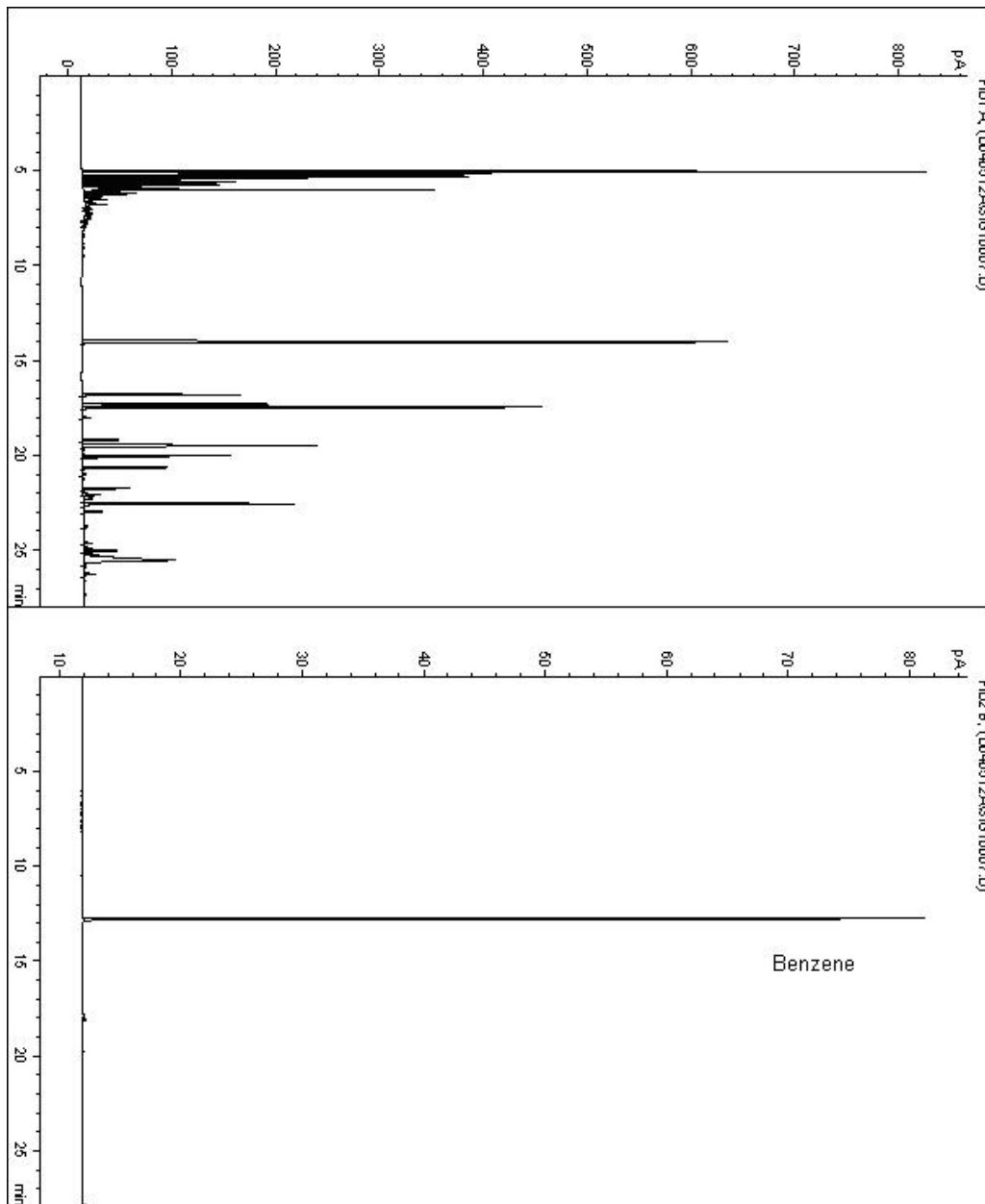
Environmental regulations require lower levels of toxic compounds in gasoline. Many regulatory organizations classify benzene as a toxic air pollutant. The EN method 12177 determines the benzene content by gas chromatography in liquid petroleum products and unleaded gasoline.



The AC Benzene analysis system assists refiners in complying with environmental regulations and controlling the quality of finished products. The AC Benzene Analyzer meets the performance specifications of the EN test method 12177 and measures the benzene content in (oxygenated) gasoline with a final boiling point up to 220 °C. The concentration range is 0.05 – 6.0 volume%.

Column Switching System

The AC Benzene Analyzer is a column switching system according to DEANS and uses an Agilent Technologies 7890 Series GC configured with electronic pneumatics control (EPC), capillary GC columns and a flame ionization detector (FID). An extra FID detector is optional. The Agilent ChemStation software automates all aspects of analysis, data reporting and calibration which improves the accuracy.



Features & Benefits

- Application meets the performance specifications of EN 12177
- DEANS technique yields excellent results
- Uses the new Agilent 7890 Series Gas Chromatograph
- Automated calibration procedure improves accuracy
- A full range of calibration and quality control samples assist you in calibrating and validating the system
- Application arrives factory-tuned for the methods specified by the customer
- A global network of AC certified support engineers
- Includes one year hardware and application warranty
- Includes free helpdesk assistance to any hardware or software related questions
- Optional on-line remote support by LAN connection available