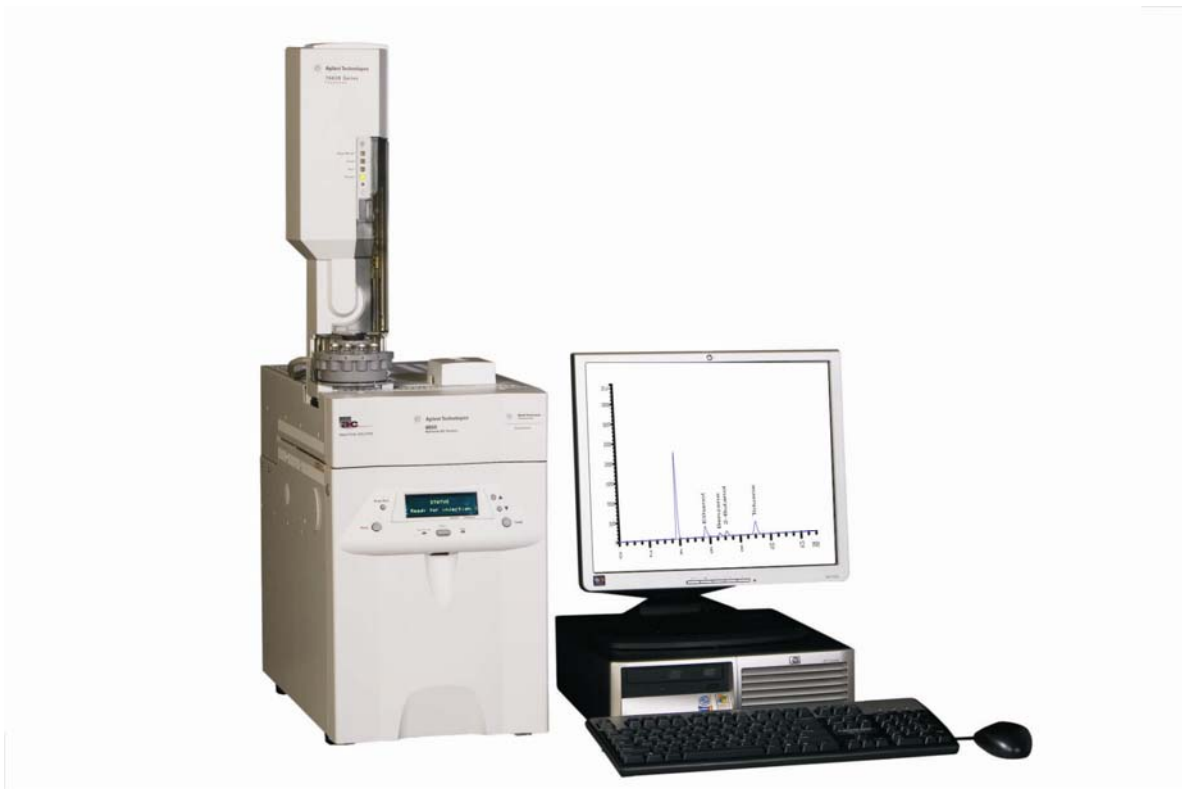


## System Description AC Benzene/Toluene (ASTM D 3606) Analyzer

### AC Benzene/Toluene (ASTM D 3606) Analyzer Determines Benzene & Toluene in Finished Gasoline and Light Petroleum Streams

The United States Clean Air Act of 1990 (CAA) establishes guidelines for fuel composition to reduce emissions of toxic compounds. The CAA classifies benzene as a toxic air pollutant; the level of benzene in reformulated gasoline must not exceed 1 volume percent. The U.S. Environmental Protection Agency (EPA) prescribes ASTM D 3606 as the single regulatory test method for determining benzene concentrations in gasoline.

The AC Benzene/Toluene (ASTM D 3606) analyzer separates benzene from both the light and heavy hydrocarbons, the internal standard and toluene in a single analysis. The AC Benzene/Toluene analyzer consists of the Agilent Technologies gas chromatograph configured with two columns and a single thermal conductivity detector (TCD).



*AC Benzene/Toluene Analyzer*

The analyzer includes the latest Agilent ChemStation software package to control all events, calibrate the system and report individual component concentrations.

### Assured Application

To assure analytical performance, AC fully tests each analyzer at the AC facilities. After shipment, a support engineer installs the system on-site and familiarizes the operator with the system. A trained local support engineer provides you with any after-sales support.

### **Features & Benefits**

- Application complies with ASTM D 3606 method
- Uses the more compact Agilent 6850 Series Gas Chromatograph
- A full range of calibration, reference and quality controls 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