

MODEL 9000F

Total Fluoride *analyzer*



- Specific for fluoride
- Sensitivity from sub-ppm to percent levels
- Results in 5 to 15 minutes
- Gas, LPG, liquid, and solid samples
- Data acquisition and instrument control provided by data handling system

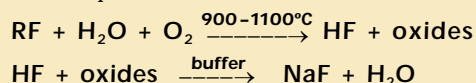
MODEL 9000F

The leadership continues...

Building upon years of innovation, analytical leadership, and customer satisfaction, Antek once again sets the standard against which other fluoride instruments are measured.

Total Fluoride Analysis

The Antek 9000F offers an alternative to the common Wickbold method (oxy-hydrogen torch) of analysis, providing answers safely within minutes instead of hours. It is far less expensive than ICP/MS; and, unlike other methods, the Antek 9000F is specific for fluoride without interference from halides.



Data Acquisition & Instrument Control

Complete instrument control and data processing are provided by a data handling system included with the instrument. The Windows™ based software environment provides real time results, multi-point calibration, data storage and manipulation. Data is automatically collected and stored for comparison analysis.

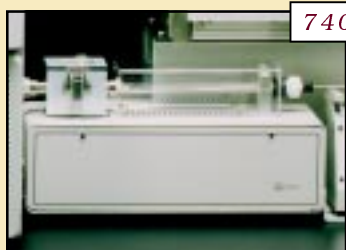
Optional Equipment



734 **Gas/Liquefied Gas Sampling Inlet System**
ensures reproducible injection of gases and liquefied petroleum gases (LPG). P/N 99087



735 **Controlled Rate Sample Drive**
provides reproducible, controlled rate of sample introduction into analyzers by syringe or sample boat. P/N 99084



740 **Multi-Matrix Sampler**
boat inlet system allows introduction of solids, liquids and gases; thermoelectrically cooled chamber speeds time between sample runs. P/N 99091

Product specifications

Detection Method

Pyro-ISE

Performance

Analytical Range: 0.5 ppm* to percent fluoride

Typical Analysis Time: 5–15 minutes, depending on sample

Precision: 5% RSD

Typical Sample Size

dependent on matrix and concentration

Combustion Zone Temperature

900–1100°C in 1°C increments

Gases

Dry oxygen: 750 cc/min 99.6% 2.7 bar (40 psig)

Dry carrier (argon or helium): 65 cc/min 99.99% 2.7 bar (40 psig)

Power

115 VAC 50/60 Hz 12 Amp or

230 VAC 50/60 Hz 6 Amp

Physical

System Dimensions: 25.5 cm (10") high x 122 cm (48") wide x 40.6 cm (16") deep

Weight: 16.3 kg (36 lb)

Continuing research and development may result in specification or appearance changes at any time.

Order information

Model 9000F Total Fluoride Analyzer – performs total fluoride determinations of gas and liquid samples by direct injection. Includes computer, software, and monitor. **P/N 99900**

Calibration standards are available upon request.

**Dependent upon sample matrix.*

For more information, please contact us:

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