



New **S2 RANGER HC** Analyzer Provides a Complete, Cost-Effective Solution for Multielement Testing of Hydrocarbons



Bruker AXS is pleased to introduce the S2 RANGER HC, an energy-dispersive x-ray fluorescence (EDXRF) benchtop spectrometer newly developed for the elemental analysis of hydrocarbons.

Unlike dedicated single-element analyzers, the S2 RANGER HC performs multielement analysis of sodium (Na) to uranium (U) present in any concentration -- from 100% down to ppm -- in solid, powder, and liquid samples. Little to no sample preparation is required. Quantitative analysis with EDXRF is independent of sample density and viscosity, ensuring you of the most accurate and precise results possible for all sample types.

With its intuitive "Touch 'n Analyze" touchscreen display, the S2 RANGER HC is easy to learn and easy to use. Operators of any knowledge level can quickly get reliable results at a touch of the screen. SPECTRA EDX software guides you through each analytical step, providing optimized measurement conditions along the way. EQUA ALL standardless analysis software lets you quickly obtain qualitative and quantitative results, without tedious calibration, even on totally unknown samples.

The new S2 RANGER HC delivers the element sensitivities you need for ASTM and EPA regulatory compliance. Testing for S in petroleum products (ASTM D4294), S in gasoline (ASTM D6445), Pb in gasoline (ASTM D5059), and low S (15 ppm) in diesel fuels according to the EPA's 40 CFR Part 80 couldn't be faster or easier. Best of all, you can analyze other elements at the same time as S and Pb, including Na, Mg, Al, Si, P, Cl, Mn, Fe, Cu, Zn and other contaminants, wear metals or additives.

Equipped with a 28-position autosampler, a 50W Pd X-ray tube, a Peltier cooled detector, and an integrated thermal printer, the S2 RANGER HC provides the complete solution for all your hydrocarbon analysis needs.

Bruker AXS Inc.

5465 East Cheryl Parkway
Madison, WI 53711
(800) 234-XRAY
www.bruker-axs.com