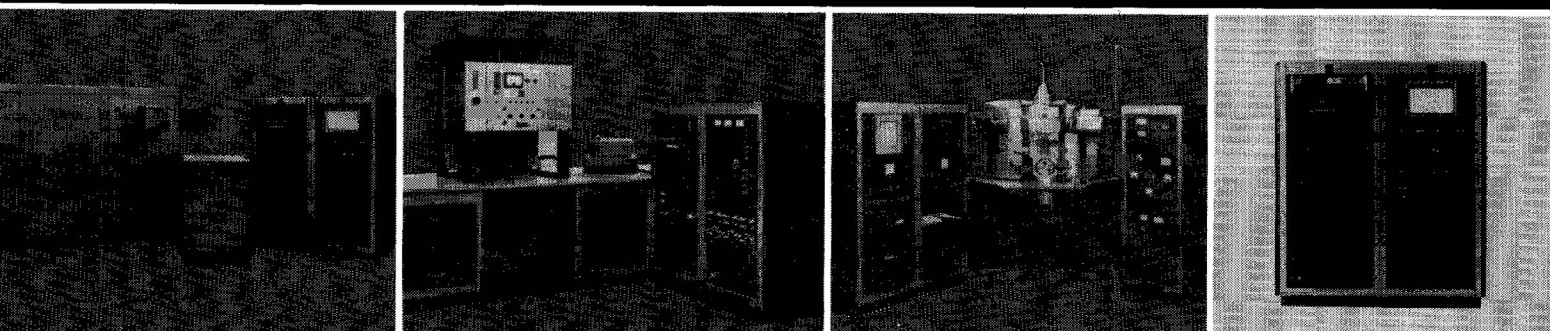


Spectrochemical data processing



UVAQ OPTICAL EMISSION QUANTOMETERS

Air and/or vacuum analysis. Purchase this direct reader with a limited number of spectral channels — then expand later to as many as 56 line detectors. Choose from four different sample stands, many source units — practically any readout format. Detects trace concentrations down to 0.0001%. Stable, reliable, accurate, UVAQ is the UNIVERSAL VACUUM/AIR QUANTOMETER.

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Unique combinations of fixed and scanning spectrometers for the simultaneous analysis of up to 22 elements. High power or conventional X-ray tubes, and appropriate fully focusing crystals and detectors provide sensitivity and speed in the analysis of all elements heavier than oxygen — solids, liquids or powders. Various readout consoles.

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High sensitivity X-ray microanalysis with integrated scanning electron microscope for dispersive microprobe analysis of five elements simultaneously from 1Å to 94Å with 4X to 10,000 magnifications. Electron beam less than 0.2 micron. Modular design. Choice of readouts. Send for detailed technical booklet.

* SPECTROCHEMICAL DATA PROCESSING

All of these instruments can be supplied with computer readout. A full digital computer can be supplied, or interface equipment can be supplied to match your computer. An integral analog or digital computer can be included in a UVAQ system to automatically linearize or solve equations.

Quantometer is a trade name which stands for spectrochemical analysis instrumentation produced and developed exclusively by ARL . . . and ARL stands for industry leadership in design innovation and volume production for over three decades of specialization in the field of spectrochemistry. ARL introduced the first commercial air spectrometer and the first commercial vacuum spectrometer. ARL pioneered in electron microprobes, and is the world's largest manufacturer of them. ARL continually advances the state of the spectrochemical art. All ARL instruments are completely modular in design, concept and construction, ready to grow and change as your requirements change.



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