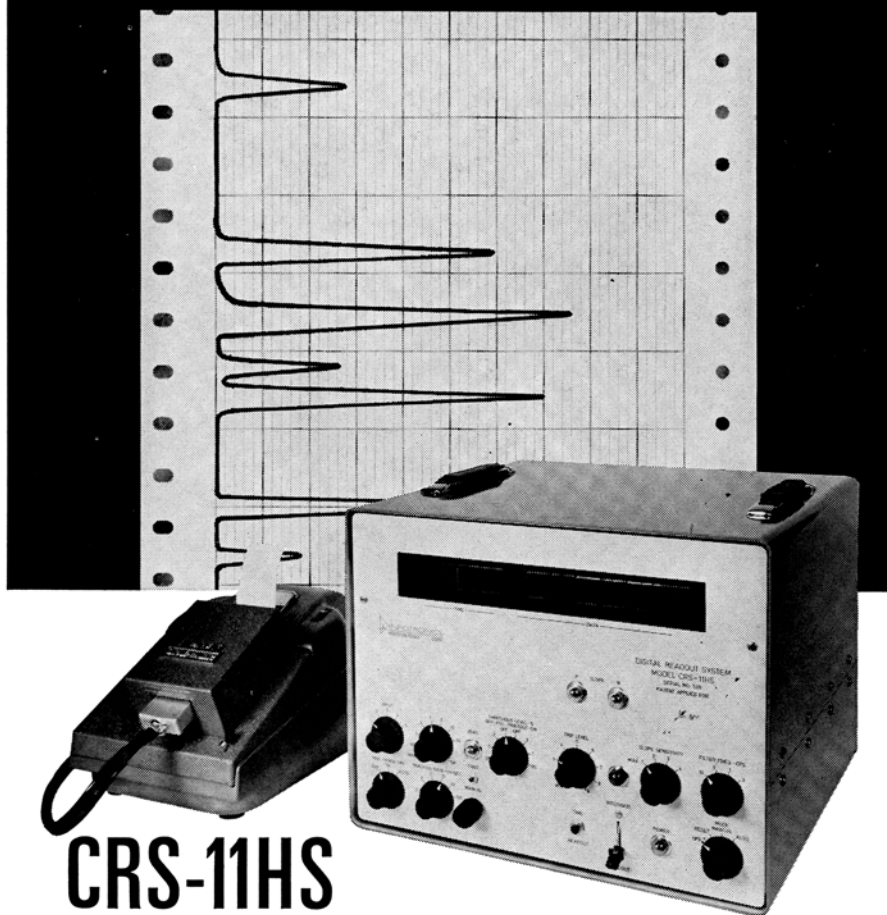


PEAK PERFECTION



CRS-11HS

FULLY AUTOMATIC • EXTENDED RANGE ELECTRONIC DIGITAL INTEGRATOR

For chromatograph and other analytical operations, the CRS-11HS provides labor-saving fully automatic, accurate digital integration plus digital printing of peak times and peak areas. This all-transistorized printing electronic digital integrator accepts input from any analyzer electrical output of one millivolt full scale or greater.

UNIQUE FEATURES • Fully Automatic Peak Detection & Integration — Sensitive to signal rates of change as small as 0.2 microvolt/second, and signal fluctuations as small as 1.25 microvolt • Memory for accurate integration of closely spaced peaks — After integration of each peak area, digital value is transferred to electronic memory, immediately freeing area counter to begin integrating next peak. • Digital Display and Printing of Peak Areas — Area of each peak is displayed on an in-line digital light display and is printed on adding machine tape. • Event pen monitor of integration on chart record • Five input selector switch • Compatible with all common types of analyzers, independent of recorder • Extended dynamic range permitting unattended operation, without attenuation • Measurement, display and printing of peak retention times • Provides optional automatic zero and baseline control • Maximum flexibility of automatic peak detection • Computer compatible outputs • Unexcelled accuracy, resolution and reproducibility • Proved solid-state, plug-in circuitry insures trouble-free performance • Operates from standard 50-60 cps power lines

For a CRS-11HS demonstration on your analysis problems, for CRS-11HS specifications and application data, contact . . .

INFOTRONICS
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Program Set for Gordon Research Conferences

The Gordon Research Conferences in New Hampshire for 1965 will be held from June 14–September 3 at Colby Junior College, New London; New Hampton School, New Hampton; Kimball Union Academy, Meriden; Tilton School, Tilton and Proctor Academy, Andover.

Of particular interest is the conference on Lipid Metabolism, June 14–18, Kimball Union Academy. Papers and authors are as follows:

Regulation of Fatty Acid Synthesis, by F. Lynen.

Studies on the Mechanism and Control of Fatty Acid Synthesis, by R. Vagelos; discussion leader, H. Anker.

Regulation of Unsaturated Fatty Acid Synthesis in *E. coli*, by M. Siperstein; discussion leaders, I. D. Frantz and C. B. Taylor.

Some Factors Affecting Triglyceride Lipolysis in Adipose Tissue, by E. G. Ball.

Regulation of Free Fatty Acid Turnover in Vivo, by L. A. Carlson.

Interactions Between Fatty Acid and Carbohydrate Utilization, by P. Randle.

The Nature of the Prostaglandins and Their Physiological Effects, by S. Bergstrom.

The Action of Insect Growth Hormones, by H. Schneiderman.

Chemical Control of Insect Behavior, by J. H. Law.

Cottonseed Processing Clinic Reflects Changing Needs

The annual Cottonseed Processing Clinic, sponsored jointly by the Mississippi Valley Oilseed Processors Association and the Southern Research Utilization and Development Division of the USDA was held February 8–9 in New Orleans.

A timely program reflected changing needs and interests in the cottonseed industry, with a discussion of the mycotoxin problem by L. A. Goldblatt (1952), a report on the USDA program on pesticide residues by M. S. Schlechter, improvements in delimiting operations by C. A. Wamble (1943), and cotton batting developments by W. G. Van Saun.

Several talks were delivered on the outlook and requirements of cottonseed flour, and on the utilization of soybean oil.

R. F. Patterson, Trenton Oil Mill Co., was general chairman of the clinic.

• Obituary

W. N. Kesler (1929, 1946), Chief Chemist of Woodson-Tenent Laboratories, Little Rock, Ark., died March 3rd, following a brief illness.