New Products

BARBER-COLMAN COMPANY, Rockford, Ill., has information available on the following:

1. Automatic Cool Down Controller for chromatography applications, to be used with their 5000 Series Gas Chromatograph. It minimizes the time ordinarily required to return the column to its initial starting temperature.

2. A new Liquid Chromatography Detection System using a hydrogen flame detector to provide rapid, simple response and increased sensitivity; a solvent evaporation

chamber eliminates the eluting solvent.

3. A new Segmented Recorder which logs multizone process variables. Measurement can be obtained from any device where the measured variable can be resolved into an electrical signal.

HOFFMANN-LAROCHE INC., Nutley, N.J., has offered the first new food color in 10 years, apo-carotenal, in water-dispersible form. The 10% dry beadlets are a companion product to Beta Carotene, it is purplish black in color with vitamin A activity of 120,000 units per gram.

APPLIED SCIENCE LABORATORIES, INC., State College, Pa., has just released the Radin-Pelick TLC Sample Streaker. This device permits the application of uniform bands of a sample solution to regular size or thin-layer chromatographic plates.

Perkin-Elmer, Norwalk, Conn., has designed a compact digital electronic readout, the DCR-2, to be used with the Hitachi Perkin-Elmer Model 139 and other ultraviolet/ visible spectrophotometers for rapid and convenient readout of 4-digit values.

Cumulative Index to Advertisers

Cumulati	VC	IIIac	a to mavertisers
American Mineral Spirits Company, Division of The Pure Oil Company		Cover	Jefferson Chemical Company, Inc Johns-Manville Corporation
Ametek, Inc., Niagara Filters Division Analabs, Inc.		*	The Kontro Company, Inc
The V. D. Anderson Company		*	LabConCo.
Applied Science Laboratories, Inc.		451A	Lachat Chemicals, Inc.
Richard M. Armstrong Company		*	Law & Company
Artisan Industries, Inc.		*	Reid H. Leonard
D-114 O.D. A		407.4	Liquid Dynamics
Ballestra S.P.A.		431A	Lurgi Gesellschaft für Wärmeted
Barber-Colman Company Barrow-Agee Laboratories, Inc.		439A 418A	Takes W. MaChatakasas Taka
Beacon Chemical Industries		410A	John W. McCutcheon, Inc.
Bennett-Clark Company, Inc.		427 A	Marchon Products, Ltd
Blaw-Knox Company		*	Micro-Tek Instruments, Inc.
Brookfield Engineering Laboratories, Inc.		*	Morton Chemical Company
R. J. Brown Company		421A	Morton Chemical Company
Buchler Instruments, Inc		*	Niagara Filters, A Division of A
Buss AG		*	D Tt
			Parr Instrument Company
Cat-Chem Corporation		*	Pattison's Laboratories, Inc.
The Chemithon Corporation		438A	Perkin-Elmer Corporation
Colab Laboratories, Inc.	,	401A	Chas. Pfizer & Company
Colonial Sugars Company		*	Philadelphia Quartz Company
Consolidated Vacuum Corporation		*	Philips Electronic Instruments
Continental Can Company		*	Phillips Petroleum Company
Continental Oil Company 4		-407A	Pilot Chemical Company
Curtis & Tompkins, Ltd.		*	Photovolt Corp.
Custom Service Chemicals, Inc.		*	Podbielniak, Dresser Industries, The Pope Testing Laboratories
Delmare Scientific Laboratories		*	
Delta Air Lines, Inc.		*	Robeco Chemicals Inc
Disc Instruments, Inc.		*	Rose, Downs, & Thompson, Ltd.
Distillation Products Industries)4A,	405A	E. H. Sargent & Company
Drew Chemical Corporation		443A	Schaar Scientific Co.
		*	Scientific Products, Division of
Eastman Chemical Products, Inc.			American Hospital Supply Co
Engineering Management, Inc.		450A	Sharples Corporation
Ertel Engineering Corporation	····	*	Shell Chemical Corporation
Extraction De Smet S. A.		*	Hayes G. Shimp, Inc.
F & M Scientific Corporation		*	Siai-Lerici Azienda Industriale
Fine Organics, Inc.		*	Signal Oil and Gas Company
Fort Worth Laboratories		447A	Skelly Oil Company
French Oil Mill Machinery Company		437A	Foster D. Snell Laboratories
Fullers' Earth Union, Ltd.		*	Society for Analytical Chemistry
			Spencer Kellogg, A Division of
Gardner Laboratory, Inc.		*	Fred Stein Laboratories, Inc
General Services Administration		*	Stepan Chemical Corporation
Girdler Catalysts, Div. of Chemetron Chemicals,			Texas Testing Laboratories
Chemetron Corporation		*	Arthur H. Thomas Company
Girdler Corporation		435A	Attnut II. Thomas Company
Gow-Mac Instrument Company		*	Union Carbide Corporation
Griffith Laboratories, Inc.		*	Union Texas Petroleum
A. Gross & Company		*	Universal Oil Products Company
Gyra Electronics Corporation		*	Votator Division, Chemetron Con
Hahn Laboratories		426A	•
Harshaw Chemical Company		397A	Warner-Chilcott Laboratories In
Hercules Filter Corporation, Division of		JUIA	Waters Associates, Inc.
De Laval Separator Company		*	West Virginia Pulp & Paper Co
Hess Oil and Chemical Corporation		*	John Wiley & Sons, Inc
Hoffman-La Roche, Inc. 41	15Δ		Woodson-Tenent Laboratories
Houston Laboratories	wa,	417A 420A	Wurster & Sanger, Inc.
Hydrocarbon Research, Inc.		*	Wyandotte Chemicals Corporatio
Infotronics Corporation		492 A	* Advantisement this '
inition only of poragion		423A	* Advertisement not in this issue.

Jefferson Chemical Company, Inc. Johns-Manville Corporation	* 433A
The Kontro Company, Inc.	*
LabConCo. Lachat Chemicals, Inc. Law & Company Reid H. Leonard Liquid Dynamics Lurgi Gesellschaft für Wärmetechnik MBH	* 456A 458A * 399A
John W. McCutcheon, Inc. Marchon Products, Ltd. G. Mazzoni S.p.A. Micro-Tek Instruments, Inc. Morton Chemical Company 4th	* 395A * Cover
Niagara Filters, A Division of Ametek, Inc.	408A
Parr Instrument Company Pattison's Laboratories, Inc. Perkin-Elmer Corporation Chas. Pfizer & Company Philadelphia Quartz Company	459A 416A * 419A *
Philadelphia Quartz Company Philips Electronic Instruments Phillips Petroleum Company Pilot Chemical Company Photovolt Corp. Podbielniak, Dresser Industries, Inc.	* 413A * * *
The Pope Testing Laboratories Robeco Chemicals Inc. Rose, Downs, & Thompson, Ltd.	452A * *
E. H. Sargent & Company Schaar Scientific Co. Scientific Products, Division of American Hospital Supply Corporation Sharples Corporation Shell Chemical Corporation Hayes G. Shimp, Inc. Siai-Lerici Azienda Industriale Signal Oil and Gas Company Skelly Oil Company Foster D. Snell Laboratories Society for Analytical Chemistry Spencer Kellogg, A Division of Textron, Inc. Fred Stein Laboratories, Inc. Stepan Chemical Corporation	453A * * * 441A * 425A 448A * *
Texas Testing Laboratories Arthur H. Thomas Company	454A 445A
Union Carbide Corporation 3rd Union Texas Petroleum Universal Oil Products Company	Cover * 409A
Votator Division, Chemetron Corporation 402A	, 403A
Warner-Chilcott Laboratories Inst. Div. Waters Associates, Inc. West Virginia Pulp & Paper Company John Wiley & Sons, Inc. Woodson-Tenent Laboratories Wurster & Sanger, Inc. Wyandotte Chemicals Corporation	* * * 455A , 411A
The second succession of the second succession successi	