

Genesis of **Mining Geology**, symp., Provisional Commission on the Genesis of Ore Deposits, Yugoslavia. (J. Kituna, Inst. of Geological Sciences, Charles Univ., Albertov 6, Prague 2, Czechoslovakia)

Physical Chemistry and Electrochemistry of **Molten Salts and Slags**, Leningrad, U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

Intergovernmental **Oceanographic** Commission, 2nd intern. congr., U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

Oribatid Mites, symp., Moscow, U.S.S.R. (Inst. of Animal Morphology, Acad. of Sciences of the U.S.S.R.)

Palaeontological Symp., U.S.S.R. (Novosibirsk Inst. of Geology and Geophysics, Siberian Dept., Acad. of Sciences of the U.S.S.R., Novosibirsk)

Analysis of **Platinum Metals**, U.S.S.R. Inst. of General and Inorganic Chemistry, Noril'sk, U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

Power Systems and Electrical Networks, conf., U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

International Union of **Prehistoric and Protohistoric Sciences**, 7th intern. congr., Prague, Czechoslovakia. (Czechoslovak Acad. of Sciences, Narodni tr. 3, Prague 1)

International Union of **Scientific Psychology**, 18th intern. congr., Moscow, U.S.S.R. (A. N. Leont'yev, ul. Novopeschaya 24, kv. 17, Moscow D-252)

Solar Terrestrial Physics, symp., Intern. Scientific Radio Union, Belgrade, Yugoslavia. (Yugoslav Acad. of Sciences and Arts, Zrinski trg. 11, Zagreb 1)

Tectonics, 3rd conf., Vladivostok, U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

Zoogeography of Arid Regions, 3rd conf., U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

1967 (dates unknown)

International Assoc. for **Bronchology**, 17th congr., Czechoslovakia. (Czechoslovak Medical Soc., Albertov 7, Prague 2)

International Federation of **Medical Electronics**, 6th conf., U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

Palynological Conf., problems of taxonomy, nomenclature of fossil spores and pollen, methods of spore-pollen analysis, U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

1967-1968 (dates unknown)

Mineral Processing, 8th intern. congr., U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

1968 (dates unknown)

World **Power** Conf., U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

Theoretical and Applied Mechanics, congr., U.S.S.R. (Acad. of Sciences of the U.S.S.R.)

1969 (dates unknown)

International Federation of **Automatic Control**, congr., Warsaw, Poland. (Polish Acad. of Sciences, Palace of Culture and Sciences Dworkowa 3, Warsaw)


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The material in this section is prepared by the following contributing writers:

Denis J. Prager (D.J.P.), Laboratory of Technical Development, National Heart Institute, Bethesda 14, Md. (medical electronics and biomedical laboratory equipment).

Joshua Stern (J.S.), Basic Instrumentation Section, National Bureau of Standards, Washington 25, D.C. (physics, computing, electronics, and nuclear equipment).

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graduated from 0 to 100 in 50 scale divisions, and a four-position selector switch located on the side of the case selects the proper operating a-c or d-c voltage-current range: d-c current, 0 to 1 ma; d-c voltage, 0 to 5; a-c voltage, 0 to 5 volts, and a-c current when used with appropriate shunt. When used with the Cenco Multiplier and shunt, the useful operating range of the meter is extended to 21 a-c and d-c voltage/current ranges. The unit has an accuracy to 2 percent of full scale and is equipped with Universal binding posts. Dimensions of the meter are 6 by 3 $\frac{3}{8}$ by 1 $\frac{1}{2}$ inches. Terminal resistance is 100 ohms.—D.J.P. (Central Scientific Co., 1700 Irving Park Rd., Chicago, Ill. 60613)

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High-speed analytical evaporator, designed to expedite analyses of small fractions, provides convenient means for simultaneous evaporation of solvent from six samples in 50-ml erlenmeyer flasks or 12 samples in test tubes of 28-mm maximum diameters. This instrument is a convenient accessory for analytical methods, such as column chromatography and countercurrent extractions, in which it is necessary to evaporate the solvent from a large number of fractions in order to recover and determine the solute content. Evaporation is accomplished by blowing a stream of dry air or nitrogen over the surface of the heated solutions. The basic assembly consists of a stainless-steel support stand, sample holder, gas manifold, and 12 gas injectors with individual needle valves to control rate of flow. Nitrogen (or air) is introduced into the manifold from the laboratory supply line or a cylinder. The gas flows through silicone rubber tubes to the 12 gas injectors consisting of a brass tube, male Luer-Lok fitting, and a 4-inch, blunt end, No. 19 hypodermic needle which is inserted into each of the 12 vessels. The gas flow to each vessel is controlled by the corresponding needle valve. The height of the gas injectors can be individually adjusted and readily readjusted as

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slots; as the head reaches the preset speed, the tubes swing into horizontal position. When the head stops spinning, the tubes return to their vertical position smoothly. Available for this application are 1-ml polystyrene disposable tubes which are strong and clear and have nonwetttable internal surfaces. The unit has an automatic interlock that clamps the head securely to the centrifuge shaft as soon as rotation begins, and releases it when the centrifuge stops. The shaft is case-hardened 5/16-inch stainless steel.—D.J.P. (Fisher Scientific Co., 415 Fisher Bldg., Pittsburgh, Pa. 15219)

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INDEX TO ADVERTISERS, 4 December 1964

Academic Press	1214, 1215	Instruments for Research & Industry	1383	Prentice-Hall, Inc.	1381
Ace Glass Inc.	1226	International Equipment Co.	1230	Professional Tape Co., Inc.	1382
Adage Inc.	1246				
Ainsworth, Wm., & Sons, Inc.	1379	JEOLCO, Inc.	1232	Reeve Angel	1387
Allied Chemical Corp.	1235	Keystone Plastics Co.	1370	Research Calculations, Inc.	1365
American Edelstaal Inc.	1384	Kirschner Manufacturing Co.	1360	Ronald Press Co.	1366
American Optical Co.	1398	Klett Manufacturing Co., Inc.	1360		
American Sterilizer Co.	1247	Kontes Glass Co.	1225	Sage Instruments, Inc.	1373
Atomic Energy of Canada Ltd.	1224			Scientific Industries, Inc.	1375
		Lea & Febiger	1358	Scientific Products, Div. of American	
Bausch & Lomb Inc.	1241, 1361	Leeds & Northrup	1388	Hospital Supply Corp.	1236
Beckman Instruments, Inc.	1208, 1252, 1253	Leitz, E., Inc.	1254	SCM Corp.	1231
Bel-Art Products	1362	LKB Instruments, Inc.	1244	Sigma Chemical Co.	1375
Benjamin, W. A.	1370	London Co.	1240	Sigmamotor Inc.	1359
Blickman, S., Inc.	1363	Lourdes Instrument Corp.	1237	Sorvall, Ivan, Inc.	1233
Buchler Instruments, Inc.	1362			Southern Precision Instrument Co.	1359
		Maryland Plastics, Inc., Econo-Lab		Standard Scientific Supply Corp.	1362
C & H Sales Co.	1382	Div.	1377	Statham Instruments, Inc.	1376
Chemical Rubber Co.	1392	Mettler Instrument Corp.	1390		
Clay-Adams, Inc.	1245	Millipore Filter Corp.	1368	Technical Measurement Corp.	1256
		Mistaire Laboratories	1380	Technicon Chromatography Corp.	1227
Difco Laboratory Products	1377			Tektronix, Inc.	1385
Dimco-Gray Co.	1301	Nalge Co., Inc.	1389	Texas Instruments Inc.	1213
		New Brunswick Scientific Co., Inc.	1365	Thermolyne Corp.	1383
E-C Apparatus Corp.	1302, 1386	New England Nuclear Corp.	1209	Tracerlab	1381
Edmund Scientific Co.	1220	Nikon Inc., Instrument Div.	1239	Tri-R Instruments, Inc.	1302
E & M Instrument Co., Inc.	1370	Nuclear-Chicago Corp.	1372		
Electro-Mechanical Development Co.	1366			Union Carbide Corp., Linde Div.	1249
Electronic Associates, Inc.	1238	Ohaus Scale Corp.	1397	Vanguard Instrument Corp.	1223
		Ohio Chemical	1360	Varian Associates, Recorder Div.	1243
Fish-Schurman Corp.	1377	Oxford University Press	1388, 1392		
Fisher Scientific Co.	1367			Welch Scientific Co.	1360
Farrand Optical Co., Inc.	1368	Parr Instrument Co.	1380	Westinghouse Cryogenic Systems	1248
		Percival Refrigeration and		White, S. S., Industrial Div.	1364
General Motors Research		Manufacturing Co.	1387	Wild Heerbrugg Instruments, Inc.	1393
Laboratories	1242	Perkin-Elmer Corp.	1221, 1378	Wiley, John, & Sons, Inc.	1228, 1229
Hacker, William J., & Co., Inc.	1212, 1378	Phipps & Bird, Inc.	1374	Wilkens-Anderson Co.	1372
Hamilton Co.	1217	Photo Research Corp.	1380	Wilmot Castle Co.	1234
Harvard Apparatus Co., Inc.	1368	Photovolt Corp.	1365	Worthington Biochemical Corp.	1359
Hengar Co.	1374, 1384	Pioneer Plastics, Inc.	1382		
Hotpack Corp.	1369	Polaroid Corp.	1250	Yellow Springs Instrument Co., Inc.	1388
				Zeiss, Carl, Inc.	1216

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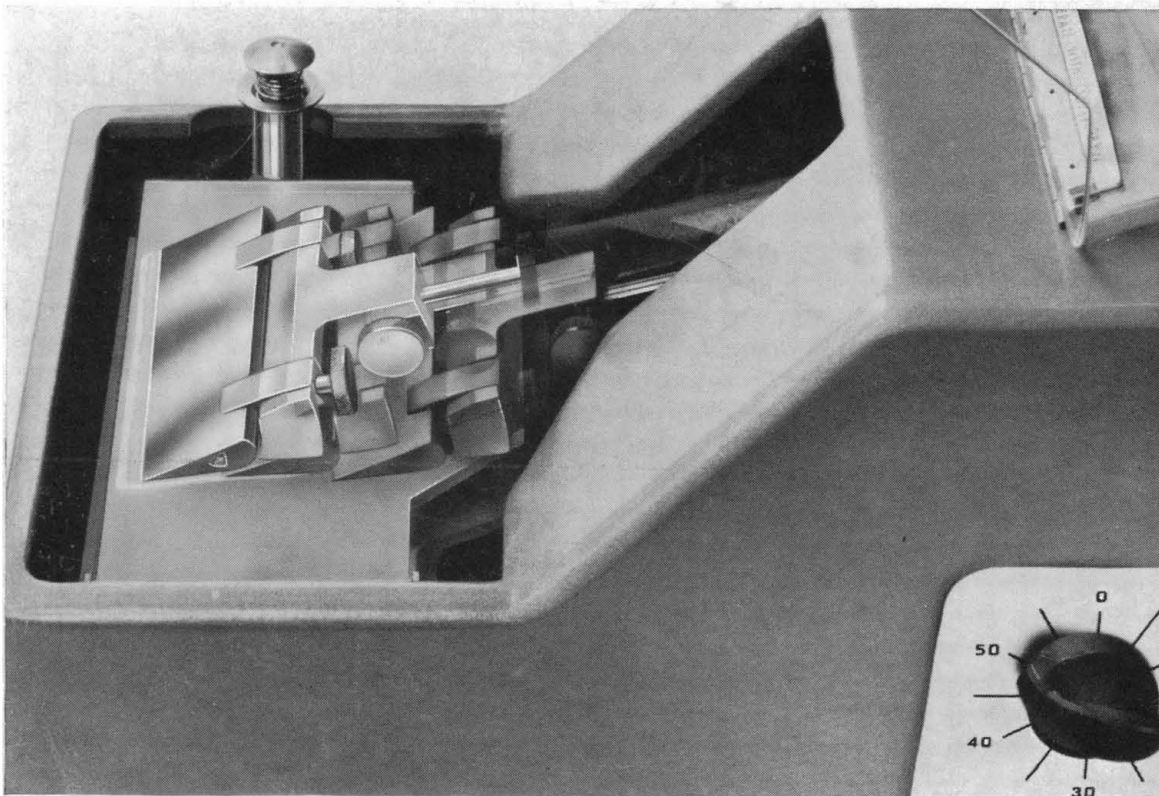
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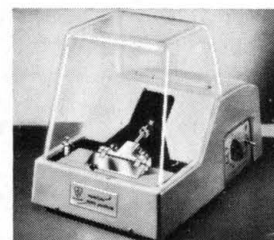
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