The all-new, all solid-state Philbrick P2 amplifier

NO TUBES, NO CHOPPERS, NOTHING BUT PERFORMANCE. An ingenious arrangement of all solid-state components endows this operational amplifier with the most remarkable and versatile characteristics. But let's let them speak for themselves.


$210.00

Use the P2 for instrumentation, analog computation, and other applications requiring high reliability and accuracy. Discover its marvelous versatility and convenience. Add, integrate, scale, invert with it. Take advantage of its differential inputs to perform very high impedance voltage following (or amplification), precise current driving, and many other useful applications. The P2's output delivers 1 ma at plus and minus 15 volts, slaved to a common reference. Conveniently packaged, cool running, and highly reliable. Available as bench model or modular plug-in. P2's output delivers 1 ma at plus and minus 15 volts, slaved to a common reference. Conveniently packaged, cool running, and highly reliable. Available as bench model or modular plug-in.

Please write for further information to:

GEORGE A.
PHILBRICK
RESEARCHES, INC.
127 CLARENDON ST. BOSTON 16, MASS.
COMMONWEALTH 6-5375, TWX; BS 1032, FAX; BSN REPRESENTATIVES IN PRINCIPAL CITIES EXPORT OFFICE: 240 W. 17TH ST., N. Y. 11. N. Y.
TEL. CHELSEA 5-8200, CABLE: TRIRUSH

Manufacturers' Literature

Electronic Instruments—Three 8-p. pamphlets give a detailed presentation of amplifiers—five models, including rack-mounting and frame-mounting versions; four square-wave and pulse generators; four time-mark and sine-wave generators.—Tektronix, Inc., P. O. Box 500, Beaverton, Oregon.

Torque Measurement—12-p. brochure, how to measure the torque characteristics and speed of motors, microgear trains, servo mechanisms, potentiometers in the torque range from 1/4 gm-cm to 200 lb-in.—Power Instruments, Inc., 7352 North Lawndale Avenue, Skokie, Illinois.

Gas Chromatography—A series of data sheets describe sensing units, programmer chassis, pneumatic control accessory, building-block sampling systems, and column materials available for various process stream applications of the model 1814B vapor fraxometer.—Perkin-Elmer Corporation, Norwalk, Connecticut.

Electronic Instruments—12-p. catalog digest E, summarizes specifications and applications of more than 60 test instruments including spectrum analyzers, frequency response plotters, communications systems analyzers, and telemetry test instruments.—Panoramic Radio Products, Inc., 520 South Fulton Avenue, Mt. Vernon, New York.

Tachometers—4-p. bulletin covers line of electric tachometers.—The Electro-Mechano Company, 241 East Erie Street, Milwaukee, Wisconsin.

Accelerometer Frequency Calibration—28-p. technical review describes the electrical and mechanical performance characteristics of the model 4290 high frequency calibration exciter.—B & K Instruments, Inc., 3044 West 106th Street, Cleveland, Ohio.

Chromatography—Bulletin No. 841, 8 pp., the Kromo-Tog, model K-7, an ionizing instrument for gas chromatography.—Burrell Corporation, 2223 Fifth Avenue, Pittsburgh 19, Pennsylvania.

Pressure Regulators—Bulletin 112, 4 pp., low pressure regulators for domestic and industrial applications such as batch ovens and furnaces.—American Meter Company, 920 Payne Avenue, Erie 6, Pennsylvania.

Electronic Timing Modules—Bulletin PD-1016, 5 pp., dimensional drawings, table of characteristics, and complete specifications for G-V types 406-1, 406-2, and 406-3 microminiature timing modules covering time delays from 0.1 to 60 sec.—G-V Controls, Inc., 101 Okner Parkway, Livingston, New Jersey.

New Philbrick 6033 solid-state power supply

BALANCED OUTPUTS, COMPUTING GRADE. The 6033 is the latest addition in the distinguished line of Philbrick power supplies. It will energize at least 10 Philbrick P2 amplifiers and other transistorized electronic equipment. Like the P2, its remarkable characteristics speak for themselves. Low internal impedance; less than 2 milliohms. Low noise and hum: guaranteed less than 150 microvolts rms (0.001%). Highly regulated output: no load, less than 300 microvolts; against line, less than 200 microseconds. Low long term drift: typically 0.17%. Short transient recovery time: no load to full load, less than 1 millisecond. Unique short circuit overload protection: inherent in the 6033's design with no extra circuitry to deteriorate performance. Truly low cost: about half that of supplies comparable performance:

$285.00

Operates from 115 volt, 50-400 cycles, providing up to 150 ma at plus and minus 15 volts; slaved to a common reference. Conveniently packaged, cool running, and highly reliable. Available as bench model or modular plug-in. Bench model dimensions: 16 x 15 x 7. Also available with 300 ma output. Complete facts are waiting for you. Please write:

GEORGE A.
PHILBRICK
RESEARCHES, INC.
127 CLARENDON ST. BOSTON 16, MASS.
COMMONWEALTH 6-5375, TWX; BS 1032, FAX; BSN REPRESENTATIVES IN PRINCIPAL CITIES EXPORT OFFICE: 240 W. 17TH ST., N. Y. 11. N. Y.
TEL. CHELSEA 5-8200, CABLE: TRIRUSH