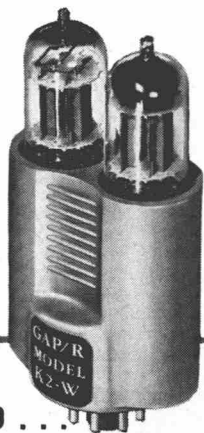


## A familiar shape to DC amplifier devotees



WIDELY  
RECOGNIZED . . .  
WIDELY ACCEPTED . . .  
K2 OCTAL PLUG-INS  
FROM PHILBRICK

**FAST DC:** K2-W is an efficient, foolproof high-gain operational unit for all feedback applications, fast and slow. The K2-W features balanced differential inputs for low drift, high input impedance, low output impedance, and economy of operation. Its range of operation is from d-c to above 100 kc depending on external circuitry. **\$24\***

**SLOW DC:** K2-P gives to other dc amplifiers, such as K2-W and K2-XA, drift stability well under 1 millivolt, long term. This chopper stabilized unit has the same case structure and octal base as the K2-W and sells for **\$60\***

**HOT DC:** K2-XA, a new amplifier of improved reliability, is primarily useful in operational circuits where an output voltage range from minus to plus 100v (at 3 milliamperes) is required. Its pass band extends to beyond 250 kc depending on external circuitry. **\$28\***

- \* • Military equivalents available
- OEM's: write wire or phone for quantity prices
- 24 page Applications Manual available on request

GEORGE A.  
**PHILBRICK**  
RESEARCHES, INC.

285 Columbus Avenue, Boston 16, Mass.  
Commonwealth 6-5375

### Connector for Fluid Systems

20 series miniature connectors have an automatic push-pull device for quick connect-disconnect operations. It is  $\frac{1}{4}$ -in. size, weighs 1 oz, and can withstand pressures up to 5000 psi. It is normally made of aluminum with "Viton A" seals, but stainless steel and various elastomers are available on request. Component parts are interchangeable. This connector is designed for operation at temperatures between  $-20^{\circ}$  and  $400^{\circ}$ F. Applications include cooling systems, instrumentation, and sensing lines.—*E. B. Wiggins Oil Tool Company, 3424 Olympic Boulevard, Los Angeles 23, California.*

### Isolation Mounts for Machinery

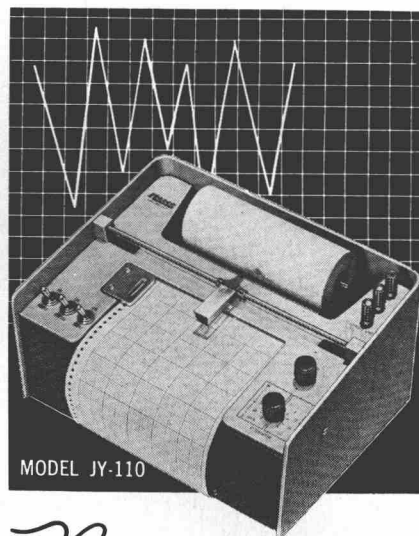
Model N kinetic mounts use specially processed high density fiber glass for vibration isolation. Both the high elasticity and high internal damping of the glass fibers are utilized. Impact and shock isolation as well as vibration isolation is claimed for these mounts. Three standard sizes are available to handle load ranges up to 8000 lb/mount.—*Consolidated Kinetics Corporation, 1065 Dublin Road, Columbus 12, Ohio.*

### Nylon-to-Metal Bonds

A technique has been developed for such applications as bonding nylon gears to metal shafts, or the securing of threaded screws or rods in nylon-metal assemblies. This is a two-part process. An epoxy paste forms a bond to the metal surface on which it is applied; a separate solvent applied to the nylon part softens its surface to bond to the epoxy as the latter hardens. The entire operation is performed at room temperature, and a tough shock-resistant union between nylon and metal is achieved in a few hours. The two-component bonding agent, PA-708, is supplied either in bulk or in disposable Packettes.—*Plastic Associaes, 2900 South Coast Boulevard, Laguna Beach, California.*

### Teflon Sealing Tape

"Wrap-It" is a  $\frac{1}{2}$ -in. Teflon tape for dry sealing threaded pipe joints and cable connectors. The complete sealing job is done by wrapping the tape around the pipe threads. No cleanup around the threads is necessary. The tape can be used on a wide variety of materials including steel, iron, brass, Monel, aluminum, plastics, and synthetic rubber. The Teflon is synthetically inert and is unaffected by temperatures from  $-250^{\circ}$  to  $500^{\circ}$ F. Because of Teflon's self-lubricating qualities, fast smooth assembly and disassembly of joints is possible. The tape also has excellent properties as a thermal barrier and for electrical insulation. Samples are available from the manufacturer.—*Hi-Temp Wires, Inc., 1200 Shames Drive, Westbury, New York.*



*Nesco*

## GRAPHIC RECORDER

- offers exceptional sensitivity, speed, and accuracy ...

as low as **\$320<sup>00</sup>**  
(Model JY-100)

Here is a superior quality recording potentiometer, engineered for modern laboratories, and offering these advantages—all standard:

**Fast balance time**—only  $\frac{1}{2}$  second.

**High accuracy**— $\frac{1}{2}\%$  of span.

**Span:** 10 mv (Model JY-100); 10 mv to 100 V, with 10-step attenuator (Model JY-110)

**5" chart width**

**Hum suppressor** minimizes stray 60-cycle pickup.

**Chopper stabilized**—no zero-drift problems.

**Floating high-impedance input**—with separate chassis ground.

**Many other quality features.** Write for complete data.

*Nesco*  
INSTRUMENTS, INC.

Manufacturers of Precision Recording Instruments

638 West 17th St., Costa Mesa, Calif.