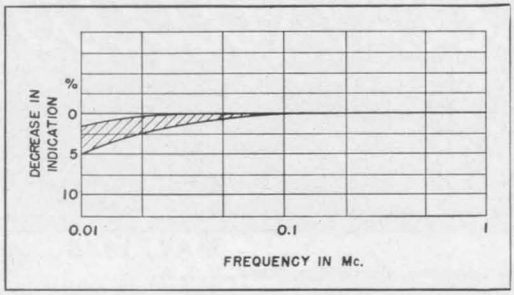


Figure 2. Plot of low-frequency error for the Type 1800-P2 Multiplier. The high-frequency correction for the voltmeter is unchanged by the addition of the multiplier.

dition of the multiplier. The multiplier frequency error is plotted in Figure 2. The multiplier is not recommended for use at frequencies below 100 kc.

SPECIFICATIONS

Multiplier Rates: 10 to 1.

Dimensions: (Length) 2⅝ x (diameter) 1⅝ inches, over-all.

Net Weight: 4 ounces.

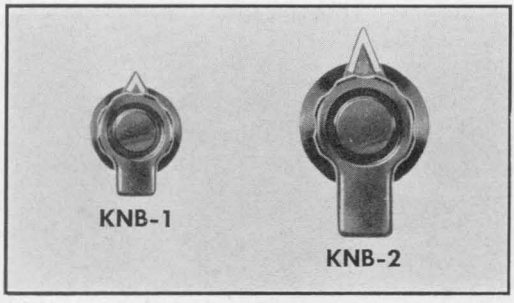
Type		*Code Word*	*Price*
1800-P2	**Multiplier**	ABODE	**$18.00**

NEW STANDARD PARTS

The new look that has lately been evident on General Radio instruments reflects the improvement in appearance of our standard parts. Designed to be attractive as well as useful, these knobs and dials are also available separately to those who make their own laboratory equipment.

KNOBS

TYPE KN Knobs, which replace the TYPE 637 series, are uniform in general appearance and application and were designed primarily for use on General Radio instruments. All are similarly fluted and have matching narrow skirts, so that a unity of design is achieved when different types are used on the same panel. Pointer models have large white V-shaped indicators for good visibility.



Two new types are now available, the bar knobs, KNB-1 and KNB-2, which are especially convenient for use on rotary switches, and the spinner knob, KNU-3, for rapid rotation of the control shaft on slow motion drives.

Each knob is made of black phenolic resin with a molded-in brass insert, and is fitted with two setscrews, 90° apart, which are threaded through the metal insert. The boring of the shaft hole is performed as a final operation on a precision machine, especially set up for the purpose, so as to insure an accurately sized hole which is concentric with and perpendicular to the molded portion. Holes are bored to fit a ⅜-inch diameter shaft and are equipped with removable bushings to adapt to ¼-inch diameter shafts.

1-INCH DIAMETER — WITH BAR

Type	*Net Weight for 5*	*Code Word*	*Package of 5*	*Package of 20*
KNB-1	**3¾ oz.**	BARKNOBONE	**$3.50**	**$13.00**

1⅜-INCH DIAMETER — WITH BAR

Type	*Net Weight for 5*	*Code Word*	*Package of 5*	*Package of 20*
KNB-2	**6 oz.**	BARKNOBTWO	**$3.75**	**$14.00**

2-INCH DIAMETER

Type	Net Weight for 5	Code Word	Package of 5	Package of 20
KNSP-8	8 oz.	NURLNOBATE	$4.25	$16.00

2-INCH DIAMETER — WITH SPINNER

Type	Net Weight	Code Word	Unit Price
ZKNU-3	2¾ oz.	SPINNOBTRE	$3.00

1⅜-INCH DIAMETER

Type	Net Weight for 5	Code Word	Package of 5	Package of 20
KNSP-6	5½ oz.	NURLNOBSIX	$3.00	$11.00

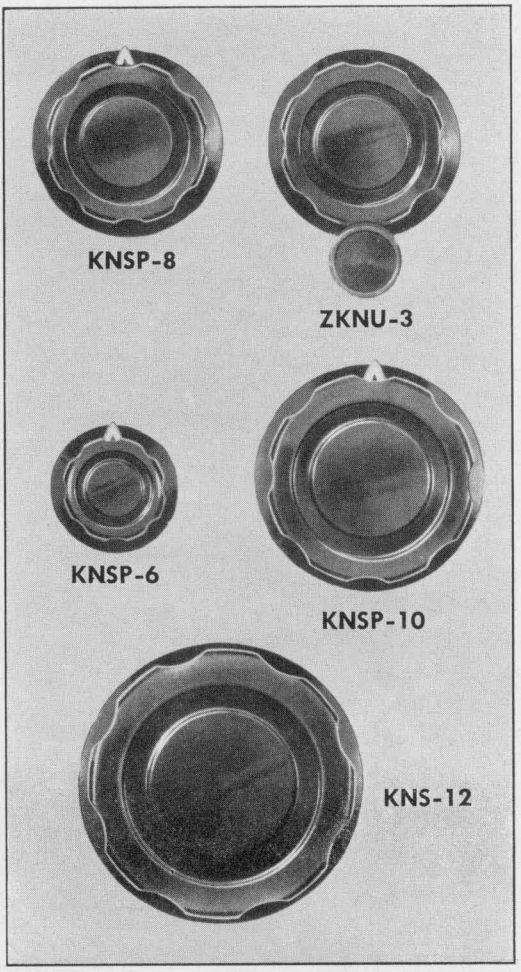
2⅜-INCH DIAMETER

Type	Net Weight for 5	Code Word	Package of 5	Package of 20
KNSP-10	12½ oz.	NURLNOBTEN	$5.50	$21.00

2⅞-INCH DIAMETER — WITHOUT POINTER

Type	Net Weight for 5	Code Word	Package of 5	Package of 20
KNS-12	17 oz.	NURLNOBDOZ	$5.75	$22.00

The TYPE KN Fluted Knobs are shown approximately one-half actual size in the illustration.



KNOB AND DIAL ASSEMBLIES

A new line of photo-etched dials with frosted-chrome surfaces replaces the older nickel-silver models. The TYPES 901, 902, and 904 dials are available with or without friction drives and in two or more scale lengths. These dials were designed for applications requiring simple, direct shaft positioning of moderate precision. Dials are assembled on standard TYPE KN knobs and therefore mount on the same size of shaft. The punched brass dial is accurately located on the knobs by bosses, from which the shaft hole is concentrically bored, and is also insulated from the shaft insert by the phenolic material of the knob.

Each dial is photo-etched and finished with black lines on a frosted-chrome plated background. This background finish has a silvery white color, furnishing excellent contrast with the black lines, and has diffuse reflecting properties, making it possi-