

**PRICE LIST**

Effective January 1, 1947

Resistance-Tuned Oscillators

Model 200-A	35-35,000 cps	Direct reading. Output 1 watt into 500 ohms . . . . .	\$120.00
200-B	20-20,000 cps	Direct reading. Output 1 watt into 500 ohms . . . . .	120.00
200-C	20-200,000 cps	Direct reading. Output 10 volts into 1,000 ohms . . . . .	150.00
200-D	7-70,000 cps	Direct reading. Output 10 volts into 1,000 ohms . . . . .	175.00
202-D	2-70,000 cps	Direct reading. Output 10 volts into 1,000 ohms . . . . .	275.00
200-I	6-6,000 cps	Direct reading. Output 10 volts into 1,000 ohms. Frequency setting closer than 1% . . . . .	225.00
201-B	20-20,000 cps	Direct reading. Output 3 watts into 600 ohms . . . . .	250.00

Audio Signal Generators

205-A	20-20,000 cps	Output 5 watts. Universal impedance output. Complete with output meter and 110 db attenuator . . . . .	390.00
205-AG	20-20,000 cps	Similar to 205-A, plus separate voltmeter circuit for gain measurements . . . . .	425.00
205-AH	1 kc to 100 kc	Output 5, 3, and 1 watt at 3%, 1%, and 0.5% distortion, respectively. Universal impedance output. Complete with output meter and 110 db attenuator . . . . .	550.00

Square Wave Generator

210-A	20-10,000 cps	60 volts, peak to peak. Internal impedance 1,000 ohms, balanced to ground . . . . .	150.00
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Harmonic Analyzers

300-A	Harmonic Wave Analyzer	Frequency measurement range 30 cps to 16 kc. Variable selectivity	625.00
320-A	Distortion Analyzer	Distortion measurements at 400 cps and 5,000 cps . . . . .	75.00
320-B	Distortion Analyzer	Similar to 320-A, except six frequencies: 50, 100, 400, 1,000, 5,000 and 7,500 cps . . . . .	150.00
330-B	Distortion Analyzer	Measures total distortion at any frequency from 20 to 20,000 cps . . . . .	425.00

Attenuator Sets

350-A	Attenuator	Bridged-T type, 110 db in 1 db steps. 5 watts. Resistances to $\pm 0.5\%$ accuracy. 500 ohm impedance . . . . .	50.00
350-B	Attenuator	Same as Model 350-A. 600 ohm impedance . . . . .	50.00

*Voltage dividers, matching networks, and precision resistors can be supplied for special problems. Prices upon request.*

Voltmeters

400-A	Vacuum Tube Voltmeter	0.03 volts to 300 volts full scale. Frequency response, 10 cps to 1 mc. Average reading (calibrated in rms) . . . . .	185.00
410-A	High Freq. Vac. Tube Voltmeter	1 to 300v ac full scale (6 ranges). Freq. response-20 cps to 700 megacycles (calibrated in rms) .1 to 1000v dc voltmeter (7 ranges) .2 ohm to 500 megohm ohmmeter (7 ranges) . . . . .	245.00

Amplifier

450-A	Stabilized Laboratory Amplifier	40 db or 20 db gain from 10 cps to 1,000,000 cps. Extends full scale sensitivity of -hp- 400-A VTVM to 300 microvolts . . . . .	140.00
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### Frequency Measuring Equipment

Model 100-A	Secondary Frequency Standard	100 kc, 10 kc, 1 kc, and 100 cps. 100 kc crystal with temperature coefficient of 2 cps per megacycle per degree Centigrade . . . . .	\$450.00
100-B	Secondary Frequency Standard	Same frequencies as Model 100-A, with temperature controlled crystal. Frequency held within .001% from -10 to +50 degrees Centigrade . . . . .	500.00
110	Frequency Divider Panel	100 cps to 10 cps. To be used in conjunction with 100-A or 100-B <i>Frequency Divider Panels can be supplied for other frequencies from 10 cps to 1 mc. Prices on application.</i>	350.00
500-A	Electronic Frequency Meter	Direct reading, 5 cps to 50 kc. Input voltage as low as 0.5 volts	210.00
505-A	Electronic Tachometer	Similar to 500-A, with tachometer head added. Measures rotations up to 3,000,000 rpm. Scale calibrated in rpm. No mechanical connections to rotating part . . . . .	300.00
505-B	Electronic Tachometer	Similar to 505-A, with scale calibrated in rps . . . . .	300.00
506	Tachometer Head Assembly	Photocell and light source with condensing lenses, mounted on a stand . . . . .	80.00

### Signal Generator

610-A	Ultra High Frequency	Frequency range 500 mc to 1350 mc. Calibrated output voltage 0.1 microvolt to 0.1 volt. Internal pulse modulation . . . . .	925.00
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### Power Supply

710-A	Regulated Power Supply	Supplies any dc voltage between 180 and 360 volts for 0 to 75 ma load. Also supplies 5 amps at 6.3v ac . . . . .	85.00
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### Hardware

10	Binding Post	Complete with insulating washers, solder lug, lock washer and nut . . . . .	quantity 1 to 99 .20 each 100 and over .15 each
14	Flexible Coupler	Ceramic insulated; permits misalignments of 1/32" and/or 5 degrees . . . . .	quantity 1 to 9 1.50 each 10 to 99 1.35 each 100 and over 1.25 each

**Note: Above prices complete with tubes, FOB Palo Alto, California. Prices and data subject to change without notice. All instruments (except the 410-A and 710-A) are available in relay rack mounting at \$5.00 additional. Standard finish grey wrinkle, other finishes at \$5.00 additional.**

## HEWLETT-PACKARD COMPANY

*Laboratory Instruments for Speed and Accuracy*

395 PAGE MILL ROAD

PALO ALTO, CALIF.



### **-hp- REPRESENTATIVES**

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Worth 2-2171

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549 W. Randolph St.  
CHICAGO 6, ILLINOIS  
State 7444

**NORMAN B. NEELY ENTERPRISES**  
7422 Melrose Avenue  
HOLLYWOOD 46, CALIF.  
Whitney 1147

**ATLAS RADIO CORP. LTD.**  
560 King St. West  
TORONTO 1, CANADA  
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**BIVINS & CALDWELL**  
134 West Commerce Street  
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**RONALD G. BOWEN**  
1886 South Humboldt Street  
DENVER 10, COLORADO  
Spruce 9368