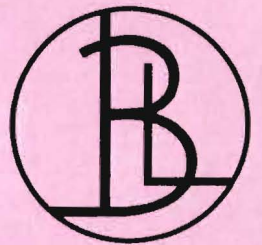


Ballantine



**GENERAL SERVICES ADMINISTRATION FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE CATALOG AND/OR PRICE LIST**

FSC GROUP 66, PART II, SECTION F

CONTRACTOR: Ballantine Laboratories, Inc.
P.O. Box 97
Boonton, Morris, New Jersey 07005
Telephone: 201-335-0900

SIZE OF BUSINESS: Small (For Preference Purposes)

ORDERING ADDRESS: Same as above

PAYMENT ADDRESS: Same as above

ITEM NO(S): 54-33&34 – Voltmeters, digital type
54-35&36 – Voltmeters, analog type
54-39&40 – Counters, frequency

FOREIGN-MADE ITEMS: None

GSA DISTRIBUTION CODE(S): OCCC-6652 (voltmeters, digital & analog)
OCCC-6650 (counters)

CONTRACT NO: GS-OOS-14636

PERIOD: July 26, 1972 thru April 30, 1973

MINIMUM ORDER: \$25.00

MAXIMUM ORDER LIMITATION: The total dollar value of any order placed under this contract shall not exceed the amounts shown below:

<u>Single Catalog Item</u>	<u>Combination of Items</u>
\$50,000	\$100,000

PROMPT PAYMENT DISCOUNT: Net

DELIVERY TIME, AFTER RECEIPT OF ORDER: 90 days

WARRANTY: The warranty provision set forth in the Federal Supply schedule applies to this contract.

INSTALLATION, INSTRUCTION, & PREVENTIVE MAINTENANCE: None offered.

*PRICES SHOWN HEREIN ARE F.O.B. DESTINATION WITHIN THE CONTINENTAL UNITED STATES.
PRICES ARE FIRM AND NOT SUBJECT TO UPWARD REVISION DURING CONTRACT PERIOD SHOWN ABOVE.*

DISCOUNTS FROM PRICES SHOWN HEREIN:

54-33 VOLTMETERS, DIGITAL Type, including Multimeters & Options
 54-34 Accessories and Replacement Parts for 54-33 Items

<u>Quantity</u>	<u>Discount</u>
1-7	3%
8-19	5%
20-MOL *	6%

DIFFERENT CATALOG NUMBERS MAY NOT BE COMBINED FOR QUANTITY DISCOUNTS

54-35 VOLTMETERS, ANALOG Type, including Multimeters & Options
 54-36 Accessories and Replacement Parts for 54-35 Items

<u>Quantity</u>	<u>Discount</u>
1-4	2%
5-9	4%
10-MOL *	5%

54-35 Items may be combined, within categories as noted below to obtain quantity discounts.

Models on **List A** may be combined with other Models on List A for quantity discounts.
 Models on **List B** may be combined with other Models on List B for quantity discounts.
 Models on **Lists A and B** may not be intermixed for quantity discounts.

No Combining or Intermixing of Models on **List C** is allowed for quantity discounts.

<u>List A Models</u>	<u>List B Models</u>	<u>List C Models</u>
303	303A	390
303-01	320A S/2	390 & 2390
303-09	321	421A
303-50	321 S/2	421A S/2
303-51	323	421A S/3
300H	323-01	421B
300H S/2	323-06	440-01
300M	323-07	1394
310B	323L	1395A
310B S/2	323L-01	1600A
314A	323L-06	11600A
314A S/2	323L-07	
	340	
	340 S/2	

54-39 COUNTERS, FREQUENCY

54-40 Accessories and Replacement Parts for Item 54-39

<u>Quantity</u>	<u>Discount</u>	<u>Order Size</u>	<u>Discount</u>
1-4	3%	\$35-1,999	3%
5-10	4%	\$2000-3,999	4%
11-20	6%	\$4000-MOL *	5%
21-MOL *	6 1/2%		

DIFFERENT CATALOG NUMBERS MAY NOT BE COMBINED FOR QUANTITY DISCOUNTS

*MOL: Maximum Order Limit

**VOLTMETER, ANALOG AND DIGITAL;
FREQUENCY COUNTERS;
ACCESSORIES FOR ABOVE**

MODEL	DESCRIPTION	PRICE	MODEL	DESCRIPTION	PRICE
INDEX ITEM NO. 54-33					
3571A	True Average AC Converter	\$ 800.00	340	True RMS RF mV VTVM	\$ 695.00
3579A	Power Supply Module	\$ 245.00	340-S2	Similar to 340, except Rack Mounting	\$ 725.00
3600A	DC Digital VM & AC Display	\$ 645.00	390	Attenuator-Thermoelement A-T Laboratory Voltage Standard	\$1995.00
INDEX ITEM 54-34					
Option for Model 3571A					
Option 11	Remote Programming	\$ 85.00	421A	AC/DC Precision High-Voltage Calibrator	\$ 795.00
Option for Model 3579A					
Option 31	Remote Programming	\$ 85.00	421A-S2	Similar to 421A, except Rack Mounting	\$ 825.00
Options for Model 3600A					
Option 01	BCD Outputs	\$ 100.00	421A-S3	Similar to 421A-S2, includes Model 2421 Error Computer	\$ 895.00
Option 02	Remote Programming	\$ 60.00	421B	AC/DC Precision High-Voltage Calibrator	\$1445.00
Accessories for 3571A, 3579A, 3600A					
801	Rack Mounting Kit w/ rear connector	\$ 50.00	440	Micropotentiometer, includes one housing with thermocouple and resistor, less NBS calibration	\$ 295.00
802	Bench Mounting Kit w/ rear connector	\$ 50.00		Each additional resistor, less NBS calibration	
12249D	Cable, Coax, RG58/U, BNC Male/Male	\$ 7.50		Standard Value	\$ 175.00
12253A	Printer BCD Output Cable	\$ 60.00		Special Value	\$ 195.00
12254A	Remote Programming Cable	\$ 50.00		Each additional thermocouple housing (standard ratings)	\$ 95.00
10600A	Probe Kit, X10 Attenuation, 4 Ft.	\$ 30.00	440-01	Micropotentiometer Kit; consists of five resistors, and three thermocouple housings in case, less NBS calibration	\$1160.00
10601A	Probe Kit, X10 Attenuation, 6 Ft.	\$ 32.00			
12615A	Adapter, Shielded, BNC Female/double banana plug. Converts input Z of 3600A for use with 10600A or 10601A	\$ 8.50	1394	Coaxial Thermal Converters	
12616A	Adapter, shielded, BNC female/double banana plug.	\$ 7.50		Model Range	
INDEX ITEM NO. 54-35					
300H	Economy 1 MHz VTVM	\$ 295.00		1394-0.5 0.1-0.67V	\$ 165.00
300H S/2	Similar to 300H, except Rack Mounting	\$ 325.00		1394-1 0.2-1.35V	\$ 165.00
300M	Weather-resistant, ruggedized VTVM	\$ 555.00		1394-2 0.4-2.7V	\$ 165.00
303	Solid State 100 μ V 6 MHz Averaging AC VM (Battery/Line)	\$ 395.00		1394-5 1.0-6.7V	\$ 165.00
303-01	Similar to 303, except Line only	\$ 335.00		1394-10 2.0-13.5V	\$ 165.00
303-09	Similar to 303-01, except environmentalized, linear V scale	\$ 425.00		1394-20 4.0-27.0V	\$ 165.00
303-50	Similar to 303 (Battery/Line) with 20 dB probe	\$ 445.00		1394-50 50V nominal	\$ 195.00
303-51	Similar to 303-01 (Line only) with 20 db probe	\$ 385.00		1394-100 100V nominal	\$ 195.00
310B	Sensitive Video VTVM	\$ 450.00	1395A	Thermal Converters	
310B-S2	Similar to 310B, except Rack Mounting	\$ 475.00		1395A-0.4 - 50 ohms 0.4V	\$ 120.00
314A	Similar to 310B, except to 1,000 Volts	\$ 495.00		1395A-1 - 50 ohms 1V	\$ 120.00
314A-S2	Similar to 314A, except Rack Mounting	\$ 525.00		1395A-3 - 50 ohms 3V	\$ 120.00
320A	True RMS VTVM	\$ 625.00		1395A-1 MOD 75 - 75 ohms 1V	\$ 150.00
320A-S2	Similar to 320A, except Rack Mounting	\$ 650.00		1395A-1 MOD 135 - 135 ohms BAL 1V	\$ 150.00
321A	True RMS/Average/Peak, VTVM	\$ 695.00		1395A-1 MOD 150 - 150 ohms BAL 1V	\$ 150.00
321A-S2	Similar to 321A, except Rack Mounting	\$ 725.00		1395A-3 MOD 600 - 600 ohms BAL 3V	\$ 150.00
323	Solid State Voltmeter (Battery/Line)	\$ 675.00	1600A	ATS - Auto balance AC-DC Transfer Standard, includes 11600A	\$3950.00
323-01	Similar to 323, except Line only	\$ 575.00	11600A	ATS-TA Transfer Assembly for 1600A	\$2495.00
323-06	Similar to 323, except 0 dB=1 mW/600 ohms	\$ 695.00	INDEX ITEM NO. 54-36		
323-07	Similar to 323-01 (Line only) except 0 dB=1 mW/600 ohms	\$ 595.00	Accessories & Options for Item 54-35		
323L	Similar to 323 (Battery/Line), except bandwidth extended to 2 Hz	\$ 705.00	600	Shunt Resistor Series	
323L-01	Similar to 323L, except Line only	\$ 605.00		Model Res. Value	
323L-06	Similar to 323L, except 0 dB=1 mW/600 ohms	\$ 725.00		601 1 ohm	\$ 30.00
323L-07	Similar to 323L-01 (Line only) except 0 dB=1 mW/600 ohms	\$ 625.00		602 10 ohms	\$ 30.00
				603 100 ohms	\$ 30.00
				604 1000 ohms	\$ 30.00
				605 0.1 ohm	\$ 50.00
				606 0.01 ohm	\$ 65.00
			617	Terminal Adapter, UHF female to single binding post	\$ 5.00
			618	Terminal Adapter, BNC female to single binding post	\$ 6.50
			800	Rack Mounting Kit	\$ 50.00
			800-02	Rack Mtg. Kit for 7 x 11 1/4 Scope w/4 feedthru BNC	\$ 90.00
			800-03	As above w/o BNC's	\$ 50.00
			803	Rack Mounting Kit for 421B	\$ 50.00
			1303	Probe, to 1000V AC	\$ 75.00
			12249A	Cable, coax RG58C/U, BNC Male both ends, 8'	\$ 7.50
			12249D	Cable, coax RG58C/U, BNC Male both ends, 48"	\$ 7.50
			12250D	Cable, coax RG58C/U, BNC Male to alligator clips, 48"	\$ 8.50

MODEL	DESCRIPTION	PRICE	MODEL	DESCRIPTION	PRICE
12251D	Cable, coax RG58C/U, BNC Male to double banana plug 48"	\$ 8.50			
12252A	Shielded Test Probe with alligator group clip, 48" RG58C/U cable, to double banana plug	\$ 12.00			
12615A	Adapter, shielded, BNC female to double banana plug for converting instruments with 10 Megohm input resistance for use with 10600 series attenuator probe kits	\$ 8.50			
12616A	Adapter, shielded, BNC female to double banana plug	\$ 7.50			
12617A	Adapter, BNC female to double banana plug	\$ 7.50			
12618A	Terminal Adapter, BNC female captive to single binding post UG-1035/U	\$ 6.00			
12619A	Tee Adapter, BNC, 2 female, 1 male, UG274C/U	\$ 7.50			
12620A	Terminal Adapter, BNC male to GR874	\$ 15.00			
12621A	Terminal Adapter, BNC female to Type N male	\$ 6.00			
12630A	Feed thru Termination, 50 ohms BNC	\$ 12.50			
	Accessories for Model 314A				
5314	20 dB Probe	\$ 85.00			
6314	Adapter, connects 5314 probe to N/BNC male	\$ 25.00			
	Accessories for Model 317				
2317A	Cathode Follower Probe for S/N 101 and up	\$ 100.00			
3317	30 dB Attenuator, for 2317A	\$ 50.00			
6314	Adapter, connects 2317A or 3317 to N/BNC male	\$ 25.00			
	Accessories for Model 320				
431	Calibrator	\$ 100.00			
	Accessories for Model 340				
1340	Attenuator, 40 dB. Should be purchased and calibrated with 340 probe	\$ 65.00			
2340	Adapter, connects 340 probe to N/BNC female	\$ 7.50			
4340	Adapter, Probe Tip for 340 probe	\$ 10.00			
5340	Adapter, Tee, for 340 probe in 50 ohms line	\$ 65.00			
6340	Attenuator, HV, 40 dB, for use with 1340	\$ 50.00			
	Accessory for Model 390				
2390	Tee Adapter	\$ 200.00			
	Accessories for 421 Series				
803	Rack Mounting Kit for 421B	\$ 35.00			
1350B	Voltage Standard for 421A and 421B	\$ 100.00			
1421	Connector, low thermal, UHF to twisted pair	\$ 6.50			
2421	Error Computer	\$ 95.00			
	Accessories for Model 1600A				
10074A	3-pin connector plug, see 10108	\$ 8.00			
10108A	24-pin connector plug for operating 11600A (ATS-TA) external of main frame	\$ 25.00			
10126A	Tee connector, GR874 series	\$ 30.00			
10186A	7-pin connector plug for external programming	\$ 18.00			
				Standard Options For 54-33 & 54-35	
				Special Paint — Analog Voltmeters	\$ 45.00
				Special Paint — 3500 Series, 1600A	\$ 50.00
				Rear Input BNC	\$ 50.00
				Rear Output BNC	\$ 50.00
				Isolated Input	\$ 75.00
				Special Size Panel	\$ 75.00
				Chassis Slides	\$ 60.00
				Rear Terminals in parallel — approx. (check factory)	\$ 50.00
				INSTRUCTION BOOKS:	
				3600, 1600A (ATS), 3571A & 3573A	\$ 10.00
				All others	\$ 6.00
				INDEX ITEM 54-39	
			5500A	70 MHz Autometronic Counter-Timer	\$ 650.00
			5700A	512 MHz Autoconvert Frequency Counter	\$ 895.00
			5725A	80 MHz Economy Frequency Counter	\$ 325.00
				INDEX ITEM 54-40	
				Options & Accessories for 5500A	
			Option 02	Remote Programming	\$ 75.00
			Option 07	7-Digit Display	\$ 35.00
			Option 10	Printer BCD Output	\$ 75.00
			12253A	Printer BCD Output Cable, 6 ft	\$ 60.00
			12254A	Remote Programming Cable, 6 ft	\$ 50.00
			12630A	Feed Through Termination	\$ 12.50
			12250D	Cable, coax, RG58C/U, BNC/Alligator 4 ft	\$ 8.50
			10601A	Probe Kit, 10X Attenuator, 6 ft	\$ 32.00
			P/N		
			89400001A	Display Extender Board	\$ 12.00
			800-04	Rack Mounting Kit, mounts 1 or 2 5500A, side by side	\$ 40.00
			381000051L	Half-Rack Cover for 800-04	\$ 10.00
				Options & Accessories for 5700A	
			800-04	Rack Mounting Kit, mounts 1 or 2 5700A, side by side	\$ 40.00
			381000051L	Half-Rack Cover for 800-04	\$ 10.00
			10601A	Probe Kit, 10X Attenuator, 6 ft	\$ 32.00
			12249D	Cable, coax, RG58C/U, BNC/BNC, male 4 ft	\$ 7.50
			12250D	Cable, coax, RG58C/U, BNC/Alligator 4 ft	\$ 8.50
			12253A	Printer BCD Output Cable 6 ft	\$ 60.00
			12630A	Termination, feed through, 50 ohms BNC/BNC	\$ 12.50
			12631A	Filter, low pass (1 kHz)	\$ 35.00
			Option 01	Printer BCD Output	\$ 75.00
			Option 03	Autoconvert (automatic frequency conversion)	\$ 75.00
			P/N		
			89100521A	Additional program card for Option 03	\$ 12.50
			Option 14	High Stability Time Base	\$ 195.00
				Options & Accessories for 5725A	
			12249D	Cable, coax, RG58C/U, BNC/BNC, male 4 ft	\$ 7.50
			12250D	Cable, coax, RG58C/U, BNC/Alligator 4 ft	\$ 8.50
			12630A	Termination, feed through, 50 ohms BNC/BNC	\$ 12.50
			12631A	Filter, low pass (1 kHz)	\$ 35.00
			10601A	Probe Kit, 10X Attenuator, 6 ft	\$ 32.00



BALLANTINE LABORATORIES, INC.

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Four Decades of Innovation in Electronic Instrumentation