

Studio Test Equipment and Instrument Inventory

Manufacturer	Model:	Description	Options	Serial Number	Manual	Notes
Audio Signal Sources (Primary Function)						
Bruel & Kjaer	4228	Pistonphone, Sound Level Standard		1742028	Yes	250Hz, 124dB SPL (Actual 124.02)
Bruel & Kjaer (Backup Unit)	4228	Pistonphone, Sound Level Standard		2163663	Yes	250Hz, 124dB SPL (Actual 124.07)
Bruel & Kjaer	4230	Sound Level Calibrator		1410960	Yes	1000Hz, 94dB SPL
Bruel & Kjaer	4231	Sound Level Calibrator		2061830	Yes	1000Hz, 94 & 114 dB SPL
General Radio	1562-A	Sound Level Calibrator		15057	Yes	Multi-Frequency, 114dB SPL
Sound Technology	1710A	Audio Source and Analyzer	3,4,5,7	110-07701	Yes	Same Instrument as listed below
Hewlett Packard	339A	Distortion Measurement Set		2025A04906	Yes	Same Instrument as listed below
Hewlett Packard	200AB	Audio Oscillator		310-17514	Yes	Increased Output, for Spekaer Testing
Hewlett Packard	204D	Audio Oscillator		1105AD3778	Yes	
Communications Company	BONG-2	Burst Octave Noise Generator		PROTO 2	Yes	
Ivie	IE-20A	Pink Noise Generator		705A400	Yes	Portable
General Radio	1382	Random Noise Generator		742	Yes	
IEC	F34	Function Generator		1580	Yes	<= 3MHz; and Log Sweep Option
Audio Signal Meters and Analyzers (Primary Function)						
Sound Technology	1710A	Audio Source and Analyzer	3,4,5,7	110-07701	Yes	Same instrument as listed above
Hewlett Packard	339A	Distortion Measurement Set		2025A04906	Yes	Same Instrument as listed above
Audio Control Industrial	SA-3050A	Third Octive Audio Analyzer	1,2,3,4	989763	Yes	Pink Noise Source, 2 Cal Mikes
Ivie	IE-10A	Octive Audio Analyzer		723-A160	Yes	Hand-held with Microphone
Sencore	PA-81	Stereo Power Amplifier Analyzer		6053786M	Yes	Dual, 250 Watt Dummy Loads
Hewlett Packard	3581A	Wave Analyzer	001	1351A02824	Yes	15Hz to 50kHz
Daven	OP-962	100 Watt Output Power Meter		None	Yes	
Daven	OP-962	100 Watt Output Power Meter		None	Yes	May be used as DC Dummy Load
General Radio	1565-B	Sound Level Meter		28724	Yes	40 to 140 dB (SPL)
General Radio	1565-C	Sound Level Meter		27178	Yes	30 to 130 dB (SPL)
General Radio	1840-A	20 Watt Output Power Meter		8013	Yes	
General Radio	1840-A	20 Watt Output Power Meter		8550	Yes	
HeathKit	ID-5252	240 Watt Audio Load		Series 1736	Yes	Jumpers for Various Impedances
HeathKit	ID-5252	240 Watt Audio Load		Series 1736	Yes	Jumpers for Various Impedances
Home Brew		1000 Watt 8-Ohm Dummy Load		None		Intermittent Duty Cycle
Hewlett Packard	400FL	AC Voltmeter		734-02312	Yes	Logrithmic Responding Meter, Nice
Communications Company	RT60B	Reverberation Timer		PROTO	Yes	Hand-held with Microphone
Home Brew		Negative Resistor		None	Yes	Audio-RF Resonance Determination

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Audio Attenuators and Transformers						
Hewlett Packard	11005A	Bridging Transformer		None	Yes	600 & 10K Ohms
Hewlett Packard	11005A	Bridging Transformer		None	Yes	600 & 10K Ohms
Hewlett Packard	11005A	Bridging Transformer		None	Yes	600 & 10K Ohms
Western Electric	111C	Repeat Coil		None	Yes	600 Ohms and various taps
Western Electric	111C	Repeat Coil		None	Yes	600 Ohms and various taps
North Hills	0005 CC	Wideband Isolation Transformer		None	Yes	50 Ohms; 1kHz to 20MHz
Hewlett Packard	350D	Attenuator Set		None	Yes	1 dB Steps
General Radio	1450-TB	Decade Attenuator		3006	Yes	0.1 dB Steps
Radio Frequency Sources						
Hewlett Packard	8648A	Signal Generator, Audio & RF	1E5; 1EP	3636A02390	Yes	10Hz-20kHz; 100kHz-1000MHz
Harvey-Wells	URM-25D	Signal Generator		14878C8VQ	Yes	10kHz-50MHz; 400 & 1000Hz Mod.
Sound Technology	1000A	FM Alignment Generator		124-10019	Yes	400Hz & 1000Hz Internal Modulation
Sencore	SG-80	AM & FM Stereo Analyzer		6076905M	Yes	Synthesized; With 10 MHz TCXO
Heathkit	IG-57A	TV Post Marker Generator		None	Yes	With external 75 Ohm Attenuator
General Radio	1340	Pulse Generator		2420	Yes	DC-20MHz
Motion Software	MS-1003A	Rubidium Frequency Standard		A012817	Yes	10Mhz Output, +/- .005 Hz Accuracy
Radio Frequency Measurement Tools						
Millen	90662	Grid Dip Meter & Accessories		5162	Yes	Case; Accessories; 160kHz-300MHz
Millen	90662A	Grid Dip Meter & Accessories		280	Yes	Case; Accessories; 160kHz-300MHz
Measurements Corporation	59	Grid Dip Meter High Frequencies		1898	Yes	2.2-400MHz; Meter; Head; Case
Measurements Corporation	59LF	Low Frequency Head and Coils		1533	Yes	100kHz -4.5MHz
Measurements Corporation	59UHF	Grid Dip Meter UHF HEAD		7778	Yes	420-940MHz
Boonton	101B	UHF Grid Dip Meter		450	Yes	.42-1GHz; Meter; Head; Coils
Hewlett Packard	11096A	RF Probe		None	Yes	<= 50MHz
RCA	Chanalyst	Radio Analyzer		None	Yes	With Probes
Hewlett Packard	355A	50 Ohm VHF Attenuator		None	Yes	1dB Steps; DC-50MHz
Tec-Ten	239	50 Ohm Dummy Load		None	No	300 Watts, 30 Seconds
HeathKit	Hn-31	50 Ohm Dummy Load		None	Yes	1000 Watts, 1 Minute
Counters, Timers, Clocks						
Hewlett Packard	5327B	Timer-Counter DVM		1248A00476	Yes	Installed 10MHz TCXO; 550MHz
Hewlett Packard	5382A	Frequency Counter	Option 1	2004A05997	Yes	Factory TCXO; 225MHz
PR&E	PT-1	Production Timer		PROTO	Yes	
PR&E	DT-2	Digital Timer		PROTO	Yes	
PR&E		Circular Clock		PROTO	Yes	

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Manufacturer	Model:	Description	Options	Serial Number	Manual	Notes
LCR Meters (Primary Function)						
Sencore	LC-101A	Capacitor-Inductor Analyzer		605662M	Yes	With various Probes
Sencore	SCR 250	SCR and Triac Test Accessory		6076188M	Yes	With various Probes
BK Precision	875A	LCR Meter		16014220	Yes	With SMD Tweezers
Tonghui	TH2821A	Portable LCR Meter		QA-96-2313	Yes	In case with various Probes
Oscilloscopes, and Accessories						
Tektronix	475A/DM44	Oscilloscope & Digital Meter		B022442	Yes	
Tektronix	475A/DM44	Oscilloscope & Digital Meter		B021119	Yes	
Tektronix	475A/DM44	Oscilloscope & Digital Meter		B018377	Yes	Spare unit in Storage Room
Hewlett Packard	1110	Current Transformer/Probe		None	Yes	
Hewlett Packard	1111A	Current Amplifier		422-00494	Yes	
Oscilloscope Probes						
Tektronix	P6106	10X, 250MHz		None	Yes	With 'Scope B022422
Tektronix	P6106	10X, 250MHz		None	Yes	With 'Scope B022422
Tektronix	P6101	1X		None	Yes	With 'Scope B022422
Tektronix	P6101	1X		None	Yes	With 'Scope B022422
Tektronix	P6430	Temperature Probe		None	Yes	With 'Scope B022422
Tektronix	P6430	Temperature Probe		None	Yes	With 'Scope B021119
Tektronix	6101A	1X		None	Yes	2 Meters Long
Tektronix	6101A	1X		None	Yes	2 Meters Long
Tektronix	6101A	1X		None	Yes	1 Meter Long
Tektronix	P6106	10X, 250 MHz		None	Yes	2 Meters Long
Tektronix	P6106	10X, 300 MHz		None	Yes	1 Meter Long
Tektronix	P6106A	10X, 250 MHz		None	Yes	2 Meters Long

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Portable Meters and Probes						
Simpson	269, Series 3	Ultra High Sensitivity VOM		None	Yes	Taut-Band Meter Movement
Fluke	8846A	6.5 Digit Precision Multi-Meter		2216020	Yes	FlukeView Forms, Documenting
Fluke	187	True RMS Multimeter		85250148	Yes	
Fluke	289	True RMS Multimeter		47990095	Yes	
Fluke	80AK	Type K Thermocouple Adapter		None	Yes	For use with Fluke 187 & 289
Fluke	77/AN	Multimeter		None	Yes	
Beckman Instruments	DM27XT	Multimeter		30310099	Yes	Also measures LCR
Fluke	80T-150U	Temperature Probe		None	Yes	
Fluke	65	Infrared Thermometer		None	Yes	
Fluke	80K-40	High Voltage Probe		None	Yes	
PDI	CA60	AC/DC Current Clamp		705096	Yes	
Weston	SA-3 ???	AC Current Clamp		183977	No	500 Amps
JRC Electronics	MINI-500	MegOhm Meter		FH1-OSC-1208	Yes	
Home Brew		AC line Voltage Monitor		None	No	Schematic on the back of the unit
Power Supplies						
Sencore	Powerite II	AC Power Supply Analyzer		6121649M	Yes	With Leakage Probe
Sencore	Powerite II	AC Power Supply Analyzer		6138940M	Yes	With Leakage Probe
Home Brew		Isolated AC Power Supply		None	Yes	With Lamp Current Limiting
Interpower	85510060	International AC Power Supply		10052	Yes	Manufacturing Documentation
Sorenson	QRD 30-1	DC Power Supply		2909	Yes	0-30 Volts, 0-1 Amp
Sorenson	QRD 30-1	DC Power Supply		2918	Yes	0-30 Volts, 0-1 Amp
Hewlett Packard	6220B	DC Power Supply		7A0606	Yes	0-25, 0-50 Volts; 0-1, 0-.5 Amps
Power Designs	36100R	DC Power Supply		711055	Yes	0-36 Volts, 0-10 Amps
Heathkit	IP-17	HV DC Power Supply		None	Yes	0-400 Volts, 100 Milliamps
Heath/Schumberger	SP-17A	HV DC Power Supply		33504	Yes	0-400 Volts, 100 Milliamp
Tube and Transistor Testers						
Triplet	3940-A	Transistor Analyzer		3133	Yes	
Triplet	3444	Tube Analyzer		9049	Yes	"CG" & Adapters for 10 & 12 Pin Tubes
Triplet	3444A	Tube Analyzer		None	Yes	P/S Modified
Hickok	539C	Tube Tester (Older type meters)		292-01114	Yes	
Triplet	I-177B	Tube Tester		6326	Yes	
Daven	I-177B	Tube Tester		6927	Yes	
Munston	MX-949 A/U	Tube Socket Adapter, for I-177B		None	Yes	
Vector	MX-1258/U	Tube Socket Adapter Kit		None	No	

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Manufacturer	Model:	Description	Options	Serial Number	Manual	Notes
Music, and Voice, Audio Sources and Monitoring						
Marantz	120B	AM/FM Stereo Tuner		1289	Yes	
Sony	ICF-SW55	All Band Radio		106386	Yes	
Sony	ICF-SW77	All Band Radio		53059	Yes	AN-LP1, Loop Antenna
Sony	ICF-SW100	All Band Radio		109087	Yes	
Pioneer	SA-9900	Power Amplifier		UL3800598M	Yes	
Pioneer	PL-61	Turntable		TI 13172	Yes	
JBL	4311	Monitor Speaker		12279		
JBL	4311	Monitor Speaker		12281		
Heathkit	T-2	Signal Tracer & Probes		None	Yes	Tapped Output Transformer
Heathkit	T-4	Signal Tracer & Probes		None	Yes	
RCA	44-A	Ribbon Microphone		B-5890	Yes	
Computers and Calculators						
ViewSonic	VS12324	Video Monitor		See Notes	Yes	R4F085203357
Brother	7820N	All-In-One-Copier		See Notes	Yes	U61281M6J432446
Sony	VPCF121GX	Vaio, Laptop Computer		See Notes	Yes	27525788 8001855
Sony	VPCF232FX	Vaio, Laptop Computer		See Notes	Yes	27546032 3005027
Gateway	LX6200-1	Computer WIN 7 Pro		See Notes	Yes	PTG060X0018360F4012700
Linksys	EZXS555W	EtherNer Hub		None	No	
Hewlett Packard	48GX	Programable Calculator		SG72203408	Yes	
Compaq/iPAQ	3630	PDA		See Notes	Yes	4GOCDW3690BW
Miscellaneous						
Transcell Technology	MCS-10	Counting Scale		_563064000164	Yes	With a Computer Interface
Celestron	4040	Binocular Microscope		None	No	
HP	Q2146A	Digital Camera		CN2AMP21FS	Yes	
Kron-Hite	3202	Frequency Filter		734	Yes	Two-Section Hi&Lo Pass Filters
Hewlet Packard	465A	Amplifier		530-01931	Yes	5Hz-1MHz; 20 or 40 dB Fixed Gain
Communications Company Test Fixtures						
IC-28		Test Fixture		None	Yes	
IC-29		Test Fixture		None	Yes	
RAD-30A		Test Fixtures		None	Yes	Panel, and Logic Boards
Many other , Cables, Connectors, and Adapters						