Class 60—Test Equipment

CLASS 60
TEST EQUIPMENT
INCLUDES: TEST OSCILLATORS & SIGNAL GENERATORS; RECEIVER ANALYZING SETS;
VACUUM TUBE TESTERS; OSCILLOSCOPES;
CIRCUIT ANALYZERS: SOUND LEVEL METERS;
MAVENETERS; VOLT-OMM MELLIAMMETERS;
VOLT-OHNMETERS; OUTPUT METERS; OHMMETERS; AMMETERS; VOLTMETERS; ETC
SEE CLASS 22 FOR INDICATING INSTRUMENTS

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DESCRIPTION PIRST ASSIGNED FOR DAYLOPACYTON	DESIGNATION	FIRST ASSIGNED FOR	ON STATE OF CALLES		PRICHATION	FIRST ASSIGNED FOR	on appendiction
CY-60000 GEHERAL USE RADIO SET ANALYZER	ELECTRICA	ND SLIGHT INTERN LLY & MECHANICAL E M4TH -60006.		* C A C F	LUSH TYPE	NIT 10 MA DC (4 0: MILLIAMMETER	HMS DC) 3-1/2*
8/23/33 660 mov. 41				1	CXAF, CX 11/13/40 HOV. 41	AH. CXAO.	P-7762949 RE¥ (
CY 60001 OF CIRCUIT ANALYZER ASSEMBLT: FOR 4 TO 7-PRONG TUBES.		7 N140S-79290 : Analyzer : mmf to 100 mfd.			EACH PEN T MEANS OF E TO 45 OHMS	CORDER ONOCRAPHIC IMP O OPERATE FROM	6 YOLTS DC BY (COILS RATED 40 RIVE MECHANISM
10/17/54 666 APR. 42	9/1/39 HOY. 41		•			OR 1-1/2" PER	
ce-60002 TAM-I TEST OSCILLATOR 26 CYCLES.	RA-6000 VISUAL OU UNAT,	8 OU TPUT INDICATOR			DUCES THE	LIBRATOR	
2/18/35 ML-7550133-G- MOV- 41	2 2/8/39 80Y. 41				2/18/41 MOV. 41		
CC-60003 TBJ & TAW-A TEST OSCILLATOR 60 CYCLES.	311.1 OHM	RING RF RESISTAN S) AND RF CAPACI D) WITHIN FREQUE	TANCE (50 MMP		CBY 60017 RECEIVER		
3/6/35 ML-7350133-G- MDY, 41	1 1/3/40 HOY- 41		516-6SF REV 8		# FOR USE 3/4/41 NOV. 41	WITH RAT-1 & 1 7369	RAV.
CAC 60004 LM OSCILLATOR - R.F. RECEIVER ALIGNMENT. 9.5 TO 30 MC.	6 RANGES OF 10) TO Supply Vo	O # SEE BELOW ING OHMMETER 0.2 TO 3000 OHMS 0.20,000 OHMS TO DETAGE 115 VOLTS SPECIAL SHOCKPRO	300 MEGOHMS. 60 CYCLES.			0 P E	FIER FOR OPERA-
5/28/35 BEC. 41		56 ANT. SYSTEM. (CV) 763 HOD.			4/11/41 NOV. 41	830	
CY 60005 OE-1 CIRCUIT ANALYZER ASSEMBLY: FOR 4-PRONG TO 8-PRONG TUBES INCLUSIVE	FREQUENCY CONSISTS	TEST UNIT RANGE: 300 TO 8 OF THO REED INDI CYCLES. USED TO	CATORS TUNED T	o	FREQ. RANG A FREQUENC CYCLE LOW 1000 CYCLE	R SOUND ANALYZE GE 10 TO 5000 C CY SELECTOR SWI PASS, A 500 CY E LOW PASS, A 1	YCLES; INCLUDES
10/18/35 666-18 APR. 42	9/23/40 MOV. 41	•	2093 REY 1			GETHER WITH A	
CAC 60006 LP RADIO FREQUENCY STANDARD SIGNAL OSCILLATOR UNIT. 9.5 KG TO 30 ± 15 WITH STANDARD SIGNAL OUTPUT ± 10 DOWN TO 2 MICROVOLTS, AND 30 MC TO 50 ± 35 WITH SIGNAL OUTPUT ± 505 DOWN TO MICROVOLTS AT 50 MC.	MC CASE ALSO SUPPLY FO MC	2 OL IBE VOLTMETER DINCLUDES A REC OR PRE-AMPLIFIER.				AND A VISUAL G METER CALIBR	60019 ATED IN DB.
12/9/38 HOV- 41	10/16/40 Nov. 41						
CFD-60006-A LP-S RADIO FREQ. STANDARD SIGNAL OSCILLATOR UNIT: FREQ. RANGE: 9.5 KC 30 MC ± 15 WITH STANDARD SIGNAL OUTPUT ± 105 DOWN TO TOW MICROVOLTS AND 30 M TO 50 MC ± 31 WITH SIGNAL OUTPUT ± 50 DOWN TO 2 MICROVOLTS AT 50 MC. SINILA TO TYPE -60006 EXCEPT FOR IMPROVED TU	TO 246 MC M T NAVY TYP! C	7 Z8 TEST OSCILLATOR DDULATED AT 710 E -955 VACUUM IU	KC. USES TWO		TION FROM	OPE	
10/14/44 DEC. 44	10/17/40 MOV. 41		E90-676184 ISSUE 3	ASSIGNED ISSUED	5/2*/41 NOV. 41	155B	
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DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SECTION ON SECURIOR	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
60020 - A MK3, MK4  OSCILLOSCOPE: INCLUDES INTERNAL RECTIFIER FOR OPERA- TION FROM 105 TO 125/1/50 TO 60, 50  MATTS 3" CATHODE RAY TUBE. TIMING RATED 10 CY TO 60KC; HAS LIGHT SHIELD: HAS SOME DIFFERENT TUBES; ELECTRICALLY AND MECHANICALLY INTERCHANGEABLE AS A MHOLE	CRY 60025 ATB METERING KIT: CONSISTS OF CASE WITH TWO PLUG AND CORD ASSEMBLIES. WITH PROVISIONS FOR HOUSING 2 METERS	CCC60030 BEEN ASSIGNED TO DENOTE THE RESPECTIVE MAJOR UNITS.
4/16/43 CRY:155-C AUG. 43	12/31/41	
60020-A	CH: 60026 LS SIGNAL GENERATOR CRYSTAL CONTROLLED 91.4, 92.3 & 93.1 MG, OUTPUT CARRIER MODULATED AT 60 CYCLES. FOR USE IN CONVECTION WITH THE CHECKING AND ADJUSTING MODEL ZA EQUIP- MENT.	CV-60031 OD-5 VACUUM TUBE ANALYZER: POWER SUPPLY 115 VOLIS AC, 50 TO 60 CYCLES. FOR TESTING TUBES WITH 4 TO 8 PROUGOCTAL TUBE BASES, MINIATURE, LOCTAL AND ACORN BASES.
	1/26/42 D/S 6028A 20057 REV 1 HAR. 42	3/1:/42 686-TYPE 8 \$KETCH NOY. 43
CAG 60021 OR-1 SOUND LEVEL METER FREQUENCY RANGE TO TO 7500 CYCLES.	CRY 60027 OT  YACUUM TUBE YOLTMETER: SUPPLY SELF-CONTAINED, 1-1/2 VOLT DRY CELL, R.F. INPUT APPROX. 10 VOLTS. FREQUENCY RANGE 100 TO 225 MC, METER HAS SCALE OF 0 - 200 MICROAMPERES. THO SHITCH POSITIONS CIVE RANGES (A) 0 - 2 VOLT DC FOR CELL NEASUREMENT. (B) 0 - 1/27/42 CRY:K-871814	CV 60032 00-1 MACUUM TUBE TESTER: POWER SUPPLY 115 VOLTS, GO CYCLES. SINGLE PHASE, 35 WATTS. USED FOR TESTING TUBES WITH 4, 5, AND 6 PIN COMBINATION LARGE AND SMALL, 7 AND 8 PIN LOCIAL, 8 PIN OCTAL, ACORN AND MINIATURE BASES SINGLE BOX, PORTABLE. SIMILAR TO WESTON MOD. 288 37/11/42
•	APR. 42 SUB 0	MAR. 43
CAG 60022 OR-1 SOUND ANALYZER FREQUENCY RANGE 25 TO 7500 CYCLES.	CRY 60027	CHI 60033 CENERAL USE MAYE METER: FREQUENCY RANGE 160 TO 220 MC, YT VOLT- METER TYPE SUPPLY, INTERNAL BATTERIES.
6/28/41 760A NOV. 41		3/13/42 BRITISH TYPE APR. 42 M-1158
CDE 60023 YC-1 LOCALIZER TEST UNIT FREQUENCY RANGE 300 TO 800 KC; OUTPUT CONSISTS OF A ZERO CENTER O TO ± 150 MICROAMP INSTRUMENT TO INDICATE LOCAL- IZER COURSE	60028 YG FREQUENCY METER: CONSISTS OF A RESONANT LINE TANK, A CRYSTAL RECTIFIER, AND A MICROAMMETER. FREO. RANGE: 236 TO 256 MC. REQUIRES NO POWER.	CY 60034 OE-6 CIRCUIT AHALYZER ASSEMBLY: PROVIDES FOR 4 PRONG TO 8 PRONG TUBES PLUS MINIATURE TUBES.
7/18/41 2983 REV 0 APR. 42	3/2/42 CRV:Mi-8503 T-7602239 NOV. 43 CFT:RA-2248-12 REV 45	3/16/42 APR. 42
CDE 60023A YG-2 LOCALIZER TEST UNIT: FREO RANGE 300 TO 800 KC. OUTPUT CONSISTS OF A ZERO CENTER D TO ±115 MICROAMPS IN- STRUMENT TO INDICATE LOCALIZER COURSE. INTERNAL BATTERY SUPPLY 1.57-7-5/90 V. MEIGHT 23 POUNDS. SAME AS CDE-60023 EX-	CFE 60029 OF-1 RADIO INTERFERENCE LOCATOR: FRED. RANGE: 150 TO 350 KC AND 550 TO 18000 KC IN FOUR MANDS. SENSI- TIVITY RANGE: 10 TO 100,000 MICROVOLTS IN 3 SCALES. FIELD INTENSITY RANGE: 10 MICROVOLTS/METER TO 100,000 MICROVOLTS/	CW-60035 * SEE BELOW  VOLIMETER TEST PANEL: INCLUDES A WESTON TYPE 301 0 TO 1 VOLY AC, RECTIFIER TYPE METER, CALIBRATED FOR USE ON STEEL PANEL, 2000 OHMS/VOLT (FOR ITEM CSI, CS2B, CS3, CS4)
CEPT HAS PUSH BUTTON SWITCH ON FRONT 5/28/42 CDE:BI121A AUG. 43 2983 REV O	METER IN 3 SCALES. OUTPUT METER SCALE 3/5/42 CFE:T7602239 OCT. 42 REV 45	# UHF REMOTE CONTROL CIRCUITS 4/9/42 X65602F ES-712758 HAR. 43 LIST 1
CDE60023A PANEL TO READ "VOLUME" CURRENT.	CALIBRATED 10 TO 1000 CFE 60029  MICROVOLTS. EXTENDED RANGES OBTAINED USING INPUT ATTENDATOR AND MULTIPLYING FACTORS. HOUSED IN WATERPROOF CARRYING CASE. FRONT REMOVABLE TO ALLOW ACCESS TO CONTROLS. WHIP ANTENDA -66038 CARRI- ED IN COVER WHEN TRANSPORTING.	CW-60036  \$ SEE BELOW  TRANSMISSION MEASURING  SET: FOR USE ON 600 OHM LINES. CAPABLE  OF MEASURING RECEIVED POWER FROM 45 08  BELOW TO 0 AND FROM 0 TO 10 DB ABOYE I  MILLIHATT. FREQ RANGE OF MEASUREMENTS  *J70036C-1 ISS 2  \$ UNF NEMOLE CUNIFOL CINCULTS  4/11/42 CM:0-163417  X-63606 FIG 29
RM-60024 OR-2 UNDERSHER SOUND ANALYZER FREQUENCY PAPER TO TO 5000 CYCLES; SAME AS WAYY 1992 -60019 EXCEPT FOR OMISSION OF THE FIGURE UNIT.  8/11/41 (CM) 105 A HOD.	COG 60030 USE WITH AMA TEST UNIT: INCLUDES A "TEST CASE", "TEST UNIT" "TEST ADAPTER AND STAND". THE USE OF THIS NAVY TYPE HAS BEEN DISCONTINUED AND MODEL LETTERS OAG HAVE BEEN ASSIGNED TO DESIGNATE THIS EQUIPMENT. NAVY TYPE DESIGNATIONS CGG- 10148, CGG-60051, AND CGG-60052 HAVE 3/9/42 IE-15-A	MAY 45  CW-60036  IS 30 TO 15000 CPS. OPERATES FROM 105  TO 125 VOLTS. DC OR 25 TO 60 CYCLES SINGLE PHASE AC, TAKES APPROX 50 WATTS.  (FOR ITEM T2).
	MAR. 43	
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FIRST ASSIGNED FOR OR SPECIFICATION MAYY TYPE FIRST ASSIGNED FOR OR SPECIFICATION HAVY TYPE ON SPECIFICATION HAYY TYPE FIRST ASSIGNED FOR CW 60037 RBO OBTAINED ACROSS 75 OHM CAG60040 TEST OSCILLATOR UNIT:
FREQ RANGE 132 TO 156 MC. INPUT 200 V
DC. .005 AMPS, 6.3 Y AC7DC, I AMP. QUITPUT 1 TO 320 MV INTO 1.5 TO 70 OM LINE.
QUITPUT CAN BE HODULATED AT 1000 CY BY CTK 60044 - A SP-IM RE-9045 CABLE. A.M. MODULATION VACUUM TUBE VOLT-OHMMETER SUPPLY: 105 TO 130 VOLTS, 1 PHASE, 60 CYCLES, 12 HATTS, SAME AS BASIC NUMBER (0-603). INTERNAL 1000 CYCLES ±5%, EX-TERNAL, FLAT WITHIN 2 DB FROM 100-20,000 CYCLES. SEVEN VOLTS REQUIRED FOR 50% EXCEPT ALL COMPONENTS ARE NOT NAVY MODULATION INPUT IMPEDANCE 0.25 MEG.
POMER SUPPLY: 115/1/60, 25 WATTS. OVERALL DIMENSIONS 19-1/2" LONG 9" DEEP.115/8" HIGH. HAS PROVISIONS FOR EXTERNAL APPROVED. INTEGRAL SECOND OSCILLATOR. DUTPUT CIRCUIT INCLUDES TWO ATTENUATORS GIVING 4/11/42 D-150422 1/24/44 CRY:165-A MAR. 44 PLATE SUPPLY 60037 cci 60041 USE WITH MP cl8 60045 OAE CONTINUOUS ADJUSTMENT UP TO 50 DB. FIELD STRENGTH METER: FREQUENCY RANGE: 2.4 TO 4.5 MC. CON-RADIO RECEIVER ANALYZER: MAY BE USED AS A PLUC-IN ANALYZER OR POINT TO POINT METER. FUNCTION SWITCH FREUDERLY MARGE: 2.4 10 4.5 M.C. CON-SISTS OF A 6 V INTERNAL BATTERY, NAVY TYPE CBR-19027, A 2-1/2" FLUSH SIMPSON O - I MILLIAMMETER, ONE IT4 VACUUM TUBE, ALL ENCLOSED IN A 5" X 5" X 9" CASE WITH ATTACHED HANDLE AND A BUILT-IN, COLLAPS-AND RANGE SHITCH TO SELECT OPERATION AND RANGES. OUTPUT DB -15 TO +59.6 MM. 500 OHM REFERENCE LEVEL. AC VOLTS O TO 1600. 5/22/42 OCT. 42 AUG. 42 снк 60038 0Z. 0Z-1 CHK 60038 0Z, 0Z-1
PORTABLE VACUUM TUBE
TESTER: SINGLE BOX, COMBINATION TUBE
TESTER AND VOLT-OHM MILLIAMETER TESTER.
POWER SUPPLY 115/1/60. FOR TESTING
STANDARD TUBES WITH 4,5,6 PIN, COMBINATION LARGE AND SMALL 7 PIN, 8 PIN LOCTAL OR OCTAL, ACORN AND MINIATURE BASES. IBLE ANTENNA 56" LONG cc: 60041 DC VOLTS O TO 1000. DC 60045 MILS O TO 500 WITH SHORT POSITION. OHMS
O TO 40 MEGS. MFDS ,005 TO 10 MFD. TWO
INDUCTANCE RANGES 1 TO 1400 HEWRIES.
MADE FOR 4-1/2 VOLT BAITERY TO POWER O
TO 40,000 OHM RANGE. INCLUDES CORD WITH 7 ADAPTERS FOR 4,5,6,7,7, OCTAL AND LOCTAL TUBES AND TUBE INDEX CHART. 4/20/42 CHK:550-X AUG. 42 CHK60038 CAG 60042 0 J - 2 GENERAL USE CAG 60042 0J-2
IMPEDANCE BRIDGE: RANGES:
RESIST 1 MILLOHM TO 1 MEG, 1 MMF TO 100
MFD, 1 MICROHENRY TO 100 HENRIES, DISSIPATION FACTOR (R/X).002 TO 1.0 G FACTOR
(X/R).02 TO 1000. INCLUDES FOUR 1-1/2 V
#6 DRY CELLS FOR DC MEASUREMENTS AND
DRIVING 1000 CY INTERVAL MICROPHONE HUM6/22/42 650A CODE CAC:650-55F2
OCT. 42 "BEASI" CPF 60046 VOLT-OHM MILLIAMETER: SIX DC VOLTAGE RANGES AT 1000 OHMS PER VOLT-OHM MILLIAMETER SECTION: 0 - 1000 VOLTS AC/DC IN 4 RANCES 0-20, 0-200, 0-500, 0-1000; 1000 0HMS PER VOLT ON ALL RANCES, 0-200 MA IN 2 RANCES 0-20, 0-200 MA, UP TO 25 MECOHMS IN 3 DVER-VOLI WITH SCALES O TO 6/30/150/300/600/
1200 VOLTS. SIX AC VOLTACE RANGES AT 500
01M% PER VOLT WITH SCALES O TO 12/60/
300/600/1200/2400 VOLTS. FOUR OC CUPRENT
RANGES WITH SCALES O TO 1.2/12/120/600 LAPPING RANGES. HAS CAPACITY SCALE. 8/21/42 CPF:832-A MAR. 43 CODE:ANVIL c:s 60039 MER FOR IMPEDANCE MEASURE. CENERAL USE CAG 60042 CIS 500,99 CENERAL USE

VOLT-OHM MILLIAMETER:
CASE 3" X 5-3/4" X 2", BAKELITE, 4 DC

MIL RANCES (HITH THE FIRST SCALE DIVISION 5 MICROAMPS.) OF 0/0.36/30/150 4 DC

VOLT RANGES (FIRST SCALE DIVISION .1

VOLT)OF 0/6/150/300/1500, 4 DHM RANCES

(WIIN 1 OHM FIRST SCALE DIVISION AND 25 CPF60046 MENTS. PROVIDES FOR EXTERNAL GENERATOR TO MEASURE IMPEDANCES FROM A FEW CY TO MILS. THREE RESISTANCE RANGES WITH 10 KC. MEASURE IMPEDANCES FROM A FEW CY'I 10 KC. MEASUREMENTS ARE MADE IN TERMS OF STANDARDS USING A 4 ARM BRIDGE CIRCUIT. DETECTOR FOR DC MEASUREMENTS IS A BUILT-IN CALVANOMETER AND FOR 1000 CY MEASURE-MENTS HEAD PHONES ARE USED. \$2" WIDE, 20" DEEP, 8-1/2" HIGH, 30-1/2# WITH SCALES 0 TO 5000/500,000 0HMS AND 0 TO '5 MEGS. SIX DB RANGES FROM -10 TO +62 DB. SIX OUTPUT RANGES 0 TO 12/60/500/ 600/1200/2400 VOLTS. DIMENSIONS ARE 7" X 3" X 4-1/2". INTERNAL BATTERIES SUP-C15:542 PLIED. JUNE 42 BATTERIES. c1s60039 OHM CENTER SCALE) OF 60047 YG CIA 60043 USE WITH JM-1 WAVEMETER: FREQUENCY BAND
70 TO 90 MC. VACUUM TUBE TYPE RECTIFIER
UNIT WITH INTERNAL WATTERIES. 2 - #2
FLASHLIGHT CELLS IN PARALLEL (1-1/2 Y)
TO SUPPLY FILAMENT CURRENT FOR IS5 TUBE.
MICROAMMETER WESTON MODEL 301, 0 - 200 0/2000/20000/200,000/2 R.F. MONITOR UNIT: 0/2000/20000/200.000/2

MEC., 4AC VOLT RANGES (MITH FIRST SCALE

DIV. . 1 VOLT) OF 0/6/30/150/600, 4 OUT
PUT RANGES OF 0/6/30/150/600; 4 DB

RANGES -6/+10,+8/+24, +22/+38,+34/+50.

SENSITIVITY 5000 OHMS/VOLT INTERNAL CONSISTS OF AN ADJUSTABLE LENGTH AN-TERMA, A RESONANT LINE, A CRYSTAL DE-TECTOR AND AN INDICATING METER. RESPONSE IS 246 MC. METER SCALE IS O TO 200 MICROAMPS DC. RATTERY MICROAMPS SCALE USED FOR DETECTION. 9/4/42 CRV:M1-8505 CRV:T NOV. 43 CFT:RA-2191-1 SUB 0 6/23/42 CRY: 1-621025 AUG. 42 cTK 60044 #SEE PLATE 2 cwc 60048 \* SEE BELOW CIS- 60039 - A GEN. RADIO USE FREQUENCY METER:

FREQUENCY MANGE: 70 TO 90 MC ACCURACY,

±1/5mc. RECTIFIER TYPE USING A 155 TUBE

FiLAMENT SUPPLY IS 2-#2 FLASHLIGHT CELLS

PARALLEL CONNECTED FOR 1.5 VOLTS. MICRO
METER USED IS G TO 100, MESTON TYPE 301. NXST-56817 VOLT-OHM MILLIAMETER: SAME AS NAVY TYPE -60039 EXCEPT HAS VACUUM TUBE VOLT-OHH-METER: VACUUM 103E VOLT-OHN-METER:
VOLTAGE RANGE O TO 1000 VOLTS AC OR DC.
INPUT RESISTANCE OF 11 MECOMYS IS CONSTART ON ALL DC RANGES. RESISTANCE RANGE
O TO 1000 MECOMYS. TEST VOLTAGE ACROSS
RESISTANCE VARIES FROM .1 TO 3 VOLTS. METAL CASE AND HOOD. OVERALL DIMENSIONS SLIGHTLY LARGER -3 1/2" X 6 1/4" X 2 3/4". OPERATES FROM 105-130/1/60, 12 WATTS. 6/29/42 STOCK #165-N OCT. 42 \* ACCESORY FOR JM-2 4/29/44 542H OC1.42 JULY 44 CAG 60040 LX INCLUDES INTERGRAL CW9 60048 CTK60044 U.H.F. SIGNAL GENERATOR:
CARRIER FREQUENCY RANGE 7.5 TO 330 MC
(N FIVE RANGES (7.5.22/22-50/EC-126/120 ANTENNA 10" LONG PROTRUDING FROM TOP OF \* GENERAL USE, (NXS-5073

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CML 60049 LS-1 SIGNAL GENERATOR: CRYSTAL CONTROLLED 91.4, 92.3, AND 93.1 MC: OUTPUT CARRIER MODULATED AT 60 CV. FOR USE IN CONNECTION WITH THE CHECKING AND ADJUSTMENT OF MODEL 2A EQUIPMENT. SAME AS -60026 EXCEPT HAS 2 PIN CRYSTAL MOLDER AND SOCKET AND HAS SMALLER 10/6/42 CML:9-1082 SEPT 43	RA-60053 *SEE BELOW KEYING RELAY TESTER (PORTABLE): TESTER FOR PLUG-IN KEYING RELAY. TESTS SEQUENCE OF OPERATION OF KELAY CONTACTS. INCLUDES A DPDT SWITCH AND TERMINALS FOR TESTING EXTERNAL CIR- CUIT. BUILT-IN BATTERIES. THE FIRST *U.W.S. FOR USE WITH QC SER. PO 197/42 1/6/42 RA:FSS SEPT 45	CPF 60057 OAL  PORTABLE VACUUM TURE  TESTER: (ALSO MEASURES AC AND DO VOLTAGES, DC CURRENT, RESISTANCE AND DB GUI-PUT).  12/30/42 CPF:920P 1942 CATALOG  SEPT 43 PAGE 4
CML 60049 BATTERY COMPARTHENT.	RA-50053  PROCUREMENT WAS MADE INCLUDING A SET OF TOOLS CONSISTING OF 2 "OPEN END" 378" WRENCHES, I FEELER GAUGE, I SAND PAPER STRIP, I SCREW-DRIVER, I MICROMETER SCREW, I -2 02 BOTTLE OF ALCOHOL. SEQUENCE OBSERVED BY INDICATOR LIGHTS.	CRY 60058 #SEE BELOW
CDE 60050 *SEE BELOW TEST OSCILLATOR: OPERATES FROM 13 OR 26 V DC. A DUAL FREQ ELECTRO-MECHANICAL OSCILLATOR WHICH SUP- PLIES SIGNALS TO CHECK THE OPERATION OF MODEL ZA EQUIPMENT, THE FUNDAMENTAL OP- ERATING FREQUENCY OF THE OSCILLATOR IS *NOS -72521 FOR USE WITH TS-72/ARN-9 10/7/42 CDE:AAG MOV. 43 1045	CFT 60054 OAN TEST OSCILLATOR: FREQ RANGE: 200 TO 2000 KC, OPERATES FROM INTERNAL BATTERIES TAKING 135 V AT 0.017 AMP AND 6V AT 0.6 AMP, OR BY THROWING PANEL SWITCHES FROM 115/1/60, 0.19 AMP, HAS PROVISIONS ON TOP FOR IN- SERTING TYPE CFT-66082 ANTENNA, AND ALS 11/28/42 CFT:107-A CFT:F-41765-3E AUG. 44	CRY- 60058-A ATJ,ATK,ARJ,ARK  TEST METER:  INCLUDES PLUG 1 PUSHBUTION SWITCH AND MILLIAMMETER HAVING RANGES OF 0-15 AND 0-150 MA DC. SAME AS -60058 EXCEPT FOR DIFFERENT MILLIAMMETER, WHICH REQUIRES ADDITION OF 2 RESISTORS (50 AND 900 OHMS
60~. AN RF CARRIER IS CEN- CDE 60050  ERATED & MODULATED AT 60~. THIS SIGNAL IS RECEIVED BY NAVY TYPE CDE-46120 GLIDE PATH RECEIVER. THE OSCILLATOR ALSO SUP- PLIES A SIGNAL OF 120~. APPROX SQUARE MAYE WHICH CONTAINS COMPONENTS OF 90 AND 150 CYCLES WHICH DIFFER IN HAGNITUDE & THUS CAUSE NAVY TYPE CDE-22316 LANDING INDICATOR TO DEFLECT, DOES NOT INTERFERE WITH OPERATION OF (AN) UNIT (EX-ZA)	CFT 60054  HAS DUTPUT RECEPTABLE FOR FEEDING OTHER EQUIPMENT.	CRV- 60058-A  NEW METER REQUIRED WHICH INCREASES HEIGHT BY 3/16".
CGG 60051 OAG TEST UNIT: MULTIRANGE VOLTMETER AND MILLIAMMETER, A CRYSTAL TESTER, RF AND AF SIGNAL GENER- ATOR, MEASURES BATTERY VOLTAGE AND CUR- RENT, RF AMPLIFIER, PLATE CURRENT, AUDIO OUTPUT VOLTAGE AND CRYSTAL ACTIVITY, USEO AS A MODULATED RF SIGNAL SOURCE FOR 10/22/42 CGG:1E-15-A SEPT 43	CFT 60054 - A OAN TEST OSCILLATOR FREQ. RANGE: 200 TO 2000 KC. OPERATES FROM INTERNAL BATTERIES TAKING 135V AT 0.017 ANP AND 6V AT 0.6 AMP. OR BY THROWING PANEL SWITCHES FROM 115/1/60. 0.19 AMP. HAS PROVISIONS ON TOP FOR IN. SERTING TYPE CFT-66082 ANIENNA AND ALSO 8/27/43 107-B CFT:F-41765-31 AUG. 44	) ACCURACT. VARIABLE MODULATION CONTROLLED PGENERAL USE EN28/2466-43/SHIPS
CGG60051 ALIGNING THE RECEIVER AND AS AN AF SIGNAL SOURCE FOR DETERMINING MODULATION CAPABILITY OF TRANSMITTER. USES A PIERCE CRYSTAL OSCILLATOR FOR RF & COLPITTS OSCILLATOR FOR GENERATING 1000 CPS SIGNAL. BUILT-IN BATTERIES. SAME AS PART OF BAYY TYPE CGG-60030.	CFT 60054 - HAS OUTPUT RECEPTACLE FOR FEEDING OTHER EQUIPMENT. SAME AS -60054 EXCEPT COILS CAN BE PERMEABILITY TUNED BEFORE BEING SET.	
CGG 60052 OAG TEST STAND & ADAPTER: CONTAINS STAND WITH CLAMPS TO HOLD NAVY TYPE CGG-10148 TEST CASE, A 50 MA RF MILLIAMETER TO MEASURE ANTENNA CURRENT, AND A RECEIVER-TRANSMITTER DUMMY ANTENNA CONSISTING OF A RECEIVE-TRANSMIT SHITCH, A 56 OHM RESISTOR AND A VARIABLE CAPACI- 10/22/42 SEPT 43	CPF 60055 GEN USE  AMMETER-DC: CONSISTS OF A 3" SIMPSON #27 METER IN HARDWOOD BOX 7" X 3" X 4-1/2". SCALE RANGES 0-5, 0-10, 0-25. SIX BINDING POSTS MAKE POSSIBLE RANGES OF 0-1, 0-2.5, 0-5, 0-10, AND 0-25 AMPS.  12/16/42 CPF:G-113 SEPT 43	CBM 60060 *SEE BELOW  AC VOLTMETER: CONSISTS OF A TYPE -22400 AC VOLTMETER (0 TO 150 VOLTS, 400 CYCLES) IN A STEEL BOX. 4 3/10" SQUARE, 3 3/8" DEEP; 3 5/8" DEEP OVERALL. BOX IS OF 1/16" STEEL.  *ACCESSORY FOR SF-2 2/4/43 940 CBM:SK-5600 SEPT 43
CGG60052 TOR OF 8 MMF MAX CAPACITY. SAME AS PART OF NAVY TYPE CGG-60030.	CPF 60056 GEN USE  AMMETER-AC: CONSISTS OF A 5" SIMPSON #57 METER IN HARDHOOD BOX 7" X 3" X 4-1/2". SCALE RANGES: 0-5, 0-10, 0-25. SIX BINDING POSTS MAKE POSSIBLE RANGE OF \$-1, 0-2. 0-5, 0-10, AND 0-25 AMP.	CW-60061 MXss-20953*  FREQ INDICATOR UNIT:  A DETERMINES ANY CHANGE IN THE INCOMING CARRIER FREQUENCIES, THE "MARKING" AND "SPACING" CARRIER FREQUENCIES (2125 AND
ASSIGNED ISSUED	12/16/42 CPF:G-112 SEPT 43	4/1/43 CW:X-61790H-1 CW:B-405441 AUG- 44 LIST 1 ISSUE 2

"MSKYZASIEGO"

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MANUACTURES.

MANUFACTURER'S DESIGNATION FREUVIT-SAIWARS

MANUFACTURER'S DESIGNATION

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CONSTRUCTION AND TO THE TOTAL STATES OF THE DESCRIPTION AND THE TOP OF THE STATES AND AND THE TOP OF THE STATES AND AND THE STA	CYCLES: THE DIFFERENCE SIGNAL 450 CY IS AMPLIFIED AND RECTIFIED. THIS CURRENT IS PROPORTIONAL TO THE FREQUENCY AND ANY FREQUENCY DEVIATION IS NOTED ON A DC	PORTABLE TUBE TESTER: SUPPLY: 115/1/60. USED TO CHECK TUBES FOR GAS, CRACKED SEALS OR SHORTED ELE- HENTS. INDICATES CONDITION OF TUBE LIFE BY CHECKING PEAK EMISSION. INCLUDES NETERS FOR MEASURING GRID & FILAMENT VOLTAGES, & PLATE CURRENT; 2 MANUALLY 7/26/45 CGZ:P140A P140A-A35	CATHODE RAY DSCILLOGRAPH SUPPLY 115/250V. I PHASE 50-400 CY. 3" CATHODE RAY OSCILLOGRAPH. USES A 38P1 CATHODE-RAY TURE AMPLIFICATION IS UNI- FORM WITHIN 20% OF THE VALUE AT 1000 CPS FROM 5 TO 30,000 CPS. 4N/Sr-35622 3/12/43 CDU:245 DD-1654-C1
VOLT-OWN MILLIANGETES:  VANCE OF 10 10 10 10 10 10 10 10 10 10 10 10 10	CRYSTAL FREQUENCY GENERATOR: INPUT: 28 VOLTS DC. INCLUDES RECEPTACLES FOR TWO CRYSTALS. USEABLE OVER FREQUENCY RANGE OF 1.0 TO 10.0 MC. USED FOR TUNING RECE: VERS. APPROXIMATE DIMENSIONS ARE: 6"WIDE. 6" DEEP AND 5" HIGH. WEIGHT: 2.1 POURDS. 4/26/43 9359	ADJUSTED CONTROLS, 2 PUSH BUTTON SWITCH- ES, 3 TOGGLE SWITCHES & 2 PILOT LIGHTS. HAS ENCLOSED COMPARTMENT ON RIGHT FRONT SIDE TO HOUSE TUBE TO BE TESTED & ALL TEST LEADS, DOOR OF WHICH OPERATES INTER LOCK SWITCH WHICH AUTOMATICALLY DISCON-	HOWITOR OSCILLOGRAPH USED TO MONITOR THE OUTPUT OF A (TDP) RADIO TRANSMITTER, IMPUT 115/1/60, APPROX. 75 WATES, USED FOR TESTING THE OUTPUT PULSE SHAPE, CARRIER FREQUENCY, AND MAYE FORM AT TEST POINTS OF THE TRANSMITTING SYSTEM, USES A 5 CP CATHODE 9/20/45
INCLUDES TWO 4 FOOT TEST LEADS ONE RED.  ONE BLACKS.  SIGNAL GENERATOR FEED RANGE STORM CENERATOR  CDU 60064 FOR USE WITH  CATHODE RAY SCILLOGRAPH: CATHODE RAY SCILLOGRAPH: CATHODE RAY OF CYCLES. 150 MATTES. SINGLE PRASE, 60 CYCLES. 150 MATTES. FROM RANGE IS TO 10000 CPS FOR SHEEP; 20 CT 10 2  REGALTICLES (1208) FOR SHEEP; 20 CT 10 3  REGALTICLES (1208) FOR SHEEP;	FREQUENCY ALIGNMENT OSCILLATOR: USED TO ALIGN THE RECEIVER, TRANSNITTER AND ANTENNA UNITS OF THE TYPE USED IN MAB.EQUIPMENTS, BY PLUGGING THEM INTO THIS UNIT. SUPPLIES SIGNALS FOR FIELD TEST. OPERATES FROM SELF-CONTAINED NAWY **X\$5.35640 ACCESSORY FOR MAB 6/1/43 162 F CC1:162F-501	VOLT-OHH HILLIANHETER: RANGE O TO 10 HEGOHMS (O TO 100,000 OHMS ON SELF CONTAINED BATTERY-100,000 TO 10 MEGOHMS ON EXTERNAL BATTERY (67-1/2 Y). VOLTAGE RANGE 0-10, 50, 250, 500, 2500 VOLTS AC/#C HILS O TO 1/2, 5, 50, 500 DC *GENERAL RADIO USE 7/50/43 CHK:4955S	RAY TUBE. SIMILAR TO NAVY TYPE -60104. SAME SIZE AS -60104 BUT NOT ELECTRICALLY
COU 60064 FOR USE NITH CATHODE RAY OSCILLOGRAPH: OPERATES FROM 105 TO 115 YOLTS, SINGLE PHASE, 50 CYCLES, 150 MAITS, FREQ RANGE SIGNAL GENERATOR: TRAIN NO PERSONNEL IN THE USE OF THE DAS SERIES. MEETS AND THE OUTPOIT SIGNAL OF THE 10P TOOK ILLOGROUPE FOR Y-AXIS, 3" CATHODE RAY TUBE (1967), SEPI 43  RQ - 60065 SEPI 43  RQ - 60065 SEPI 43  RQ - 60065 SUBJECT RANGE: 1700 TO 2000 KC, SUPPLY: IN FULL BARANGE OF COLLEGA ON AND AND AST IN THE SAME SIGNAL GENERATOR:		INCLUDES THO 4 FOOT TEST LEADS (ONE RED.	SIGNAL GENERATOR FREQ RANGE: 100 KC TO 32 MC. INPUT: 115/1760. 1.0 AMP MAX. GUTPUT: 400 CYCLE AMPLITUDE MODULATED WAVE OR UNMODULATED
CATIODE RAY OSCILLOGRAPH: OPERATES FROM 105 TO 115 VOLTS, SINGLE PHASE, 50 CYCLES, 150 WATTS, FREQ RANGE 15 TO 3000 CPS FOR SHEEP; 20 CT TO 2 MEGACYCLES (±308) FOR Y-AXIS; 10 CT TO 10 KILDCATCLES (±308) FOR Y-AXIS; 10 CT TO 10 CT TO			9/27/43 NO. 110-8 CATALOGUE
SOUND LEVEL METER: INPUT 1107/150, 85 MATTS. PORTABLE. IN- CLUDES A 4 STAGE AMPLIFIER AND A BUILT- IN CALIBRATING OSCILLATOR. OVERALL GAIN OF UNIT APPROX 100 DB. CLAPABLE OF READ- ING DIRECTLY SOUND LEVELS ABOVE 0.0002 BARS. IMPUT IMPEDANCE 200 OMNS AND 6/11/43 FEB. 45  SUPPLIES FILAMENT AND PLATE VOLTAGE FOR PREABLIFIER BUILT IN RQ-51055. OUTPUT IMPEDANCE 15000 OMNS. HAS SWITCHES TO CUT IN NO OUT A 10,000 CYCLE HIGH PASS FILTER OR A 200B PAD. WEIGHT 50 POUNDS.  CG-60066	CATHODE RAY OSCILLOGRAPH:  OPERATES FROM 105 TO 115 VOLTS, SINGLE  PHASE, 60 CYCLES, 150 MATTS, FREQ RANGE 15 TO 30000 CPS FOR SMEEP; 20 CT TO 2  MEGACYCLES (±30B) FOR Y-AXIS; 10 CT TO 100 KILOCYCLES (±30B) FOR X-AXIS, 3"  CATHODE RAY TUBE (20F1),  6/9/43 CDU:224A CDU:CATALOG	SIGHAL GEMERATOR: INPUT 115/1/60. THIS UNIT IS USED TO SIMULATE THE OUTPUT SIGHAL OF THE TOP EQUIPMENT AND IS FOR THE PURPOSE OF TRAINING PERSONNEL IN THE USE OF THE DAS SERIES. MEETS ARMY SPEC 1-204 EXCEPT IN- PUT. **NXSS-52199 USED WITH DAS-1 7/30/43	SIGNAL GENERATOR FRED RAYDE: 510 TO 1300 MC PULSE MODU- LATED PULSE CU(MG2.CCH) OF EXTERNALLY MODULATED BY SIME MAYE MODULATION. HPUT: 105 TO 125 VOLTS SINGLE PHASE 50 TO 60 CYCLES. CALIBRATED OUTPUT HAY BE SEPARATED INTO TWO UNITS (PULSE, OSCIL- 11/20/43 CRB:DM-1013
SUPPLIES FILAMENT AND PLATE VOLTAGE FOR PREAMPLIFIER BUILT IN RQ-51055, OUTPUT IMPEDANCE 15000 OHMS. HAS SWITCHES TO CONSISTS OF A TYPE-22 MICROAMMETER SAME AS -60075 EXCEPT BOLOMETER CAL- IMPEDANCE 15000 OHMS. HAS SWITCHES TO CONSISTS OF A TYPE-60060.  TUNING INDICATOR:  CONSISTS OF A TYPE-22 MICROAMMETER SAME AS -60075 EXCEPT BOLOMETER CAL- IMPEDANCE AND 2 MEIGHT SO POUNDS.  SIGNAL GENERATOR:  SAME AS -60075 EXCEPT BOLOMETER CAL- IMPEDANCE AND OTHER BINDRE WIRING CHANGES. HAS NO SHOCK MOUNTS. BUT HAS DETENT FEET.  SIGNAL GENERATOR:  SAME AS -60075 EXCEPT BOLOMETER CAL- IMPEDANCE AND VIRING CHANGES. HAS NO SHOCK MOUNTS. BUT HAS DETENT FEET.  SIGNAL GENERATOR:  SAME AS -60075 EXCEPT BOLOMETER CAL- IMPEDANCE AND VIRING CHANGES. HAS NO SHOCK MOUNTS. BUT HAS DETENT FEET.  SIGNAL GENERATOR:  SAME AS -60075 EXCEPT BOLOMETER CAL- IMPEDANCE AND VIRING CHANGES. HAS NO SHOCK MOUNTS. BUT HAS DETENT FEET.  CG-60066 OAZ IMPEDANCE ANALYZER: FREQUENCY RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 0 TO 1:110 OMMS. MEASURE ANTENNA IMPEDANCE. HAS THREE DECEADES CONSISTING OF UNITS, TENS AND HUNDREDS.  CG-60066 OAZ IMPEDANCE ANALYZER: FREQUENCY RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 0 TO 1:110 OMMS. MEASURE ANTENNA IMPEDANCE. HAS THREE DECEADES CONSISTING OF UNITS, TENS AND HUNDREDS.  CG-60066 OAZ IMPEDANCE ANALYZER: FREQUENCY RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 0 TO 1:110 OMMS. MEASURE ANTENNA IMPEDANCE. HAS THREE DECEADES CONSISTING OF UNITS, TENS AND HUNDREDS.  CG-60066 OAZ IMPEDANCE ANALYZER: FREQUENCY RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 0 TO 1:110 OMMS. MEASURE ANTENNA IMPEDANCE. HAS THE OUT. THE CONSISTS OF A TYPE-22 MICROAMMETER AND OTHER BADE AND OT	SOUND LEVEL METER: INPUT 11071/50, 85 WATTS. PORTABLE. IN- CLUDES A 4 STAGE AMPLIFIER AND A BUILT- IN CALIBRATING OSCILLATOR. OVERALL GAIN OF UNIT APPROX 100 DB. CAPABLE OF READ- ING DIRECTLY SOUND LEVELS ABOVE 0.0002 BARS. INPUT IMPEDANCE 200 OMMS AND 6/11/43	SIGNAL GEMERATOR: FREQ. RANGE: 1700 TO 2000 KC. SUPPLY: 115 OR 230 VOLTS. I PHASE, 60 CYCLES. HAS REMOVABLE ANTENNA 19" LONG COLLASP- EO AND 45" LONG EXTENDED. INTERCHANGEABLE WITH CHE-50069 EXCEPT WILL ALSO OPERATE ON 230/1/60 AND HAS IMPROVED COMPONENTS. 12/15/44 KL-100R C-263	<b>-</b>
CG-60066 OAZ  IMPEDANCE ANALYZER: FREQ RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 10 TO 1110 OHMS. MEASURES ANTENNA IMPEDANCE. HAS THREE DECADES CONSISTING OF UNITS, TENS AND HUNDREDS.  SEPT 43  CG-60066 OAZ  CG-60071 OAZ-1  IMPEDANCE ANALYZER FREQUENCY RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 0 TO 1.110 OHMS. MEASURE ANTENNA IMPEDANCE. HAS THREE DECADES CONSISTING OF UNITS, TENS AND HUNDREDS.  CG-60071 OAZ-1  IMPEDANCE FREQUENCY RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 10 TO 500 MC. PULSE MODU- RANGE: 0 TO 1.111 OHMS. MEASURE ANTENNA IMPEDANCE. SAME AS (G-60066 EXCEPT HAS 4  DECADES INSTEAD OF 3. WITH ADDITIONAL DECADE READING IN TENTHS.  DECADES INSTEAD OF 3. WITH ADDITIONAL DECADE READING IN TENTHS.  PHASE, 50 TO 60 CYCLES, CALIBRATED OUT- PUT, MAY BE SEPARATED INTO TWO UNITS	SUPPLIES FILAMENT AND PLATE VOLTAGE FOR PREAMPLIFIER BUILT IN RQ-51055. OUTPUT IMPEDANCE 15000 OHMS. HAS SWITCHES TO CUT IN OR OUT A 10,000 CYCLE HIGH PASS	TUNING INDICATOR: CONSISTS OF A TYPE-22 MICROAMMETER AND A 2 MFO CAPACITOR IN THE SAME BOX	SIGNAL GENERATOR: SAME AS -50075 EXCEPT BOLOMETER CAL- IBRATING CIRCUIT HAS BEEN ADDED AND OTHER MINOR WIRING CHANGES. HAS NO SHOCK
IMPEDANCE ANALYZER  FREQ RANGE: 16 TO 500 KC. IMPEDANCE  RANGE: 0 TO 1110 OHMS. MEASURES ANTENNA IMPEDANCE. HAS THREE DECADES CONSISTING OF UNITS, TENS AND HUNDREDS.  IMPEDANCE. HAS THREE DECADES CONSISTING DECADES INSTEAD OF 3. WITH ADDITIONAL DECADE READING IN TENTHS.  SIGNAL CENERATOR FREQ. RANGE: 90 TO 600 MC. PULSE MODU- LATION. LOCKUCHHOODULATED CN.), OR EX- TERNALLY MODULATED BY SINE HAVE MODU- LATION. INPUT 105 TO 125 VOLTS. SINGLE PHASE, 50 TO 60 CYCLES. CALIBRATED OUT- PUT, MAY BE SEPARATED INTO THO UNITS			
6/11/43 CG:HL-7765019G3 CG:P-7765019-1 9/10/43 HL-7765019G2 CG:P-7765982 12/16/43 CA3L:38900	IMPEDANCE ANALYZER: FREQ RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 0 TO 1110 OHMS. MEASURES ANTENNA IMPEDANCE. HAS THREE DECADES CONSISTING OF UNITS. TENS AND HUNDREDS.	IMPEDANCE ANALYZER FREQUENCY RANGE: 16 TO 500 KC. IMPEDANCE RANGE: 0 TO 1.111 OHMS. MEASURE ANTENNA IMPEDANCE. SAME AS (G-60066 EXCEPT HAS 4 DECADES INSTEAD OF 3. WITH ADDITIONAL DECADE READING IN TENTHS.  9/10/43 ML-7765019G2 CG:P-7765982	SIGNAL CENERATOR  FREQ. RANGE: 30 TO 600 MC, PULSE MODU- LATED, PORC CHEURODULATED CN), OR EX- TERNALLY MODULATED BY SINE HAVE MODU- LATION, INPUT 105 TO 125 VOLTS, SINGLE  PHASE, 50 TO 60 CYCLES, CALIBRATED OUT- PUT, MAY BE SEPARATED INTO TMO UNITS 12/16/43 CABL:33900

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CABL 60076 (PULSER AND OSCILLATOR) BY REMOVING SO: SCREWS.	4 <b>E</b>	CHS 60081 HORIZONTAL AMPLIFIER FROM 5 CPS TO 200 KC.	CSY- GOODG MICROAMPS. 5 DECIBEL RANGES -10 TO +52D2. THREE RESISTANCE RANGES 0-1000 (12 OHMS CENTER) 0-100,000 (1200 OHMS CENTER) 0- 10 MEGOHMS (120,000 CENTER) SUPPLY IN- TERNAL BATTERIES. MEETS 17 1 25 EXCEPT MAX HILLIAMP RANGE IS 500 INSTEAD OF 750.
CTO 60077 SP-IM  VOLT-OHM-MILLIAMMETER RAHGES: AC AND DC VOLTS AT 1.000 OHMS PER VOLT, 0-10-50-250-1000-500. DC MILLIAMMERS 0-10-100-500. RESISTANCE 0-300 OHMS (WITH SHUHT TYPE CIRCUIT, 10 OHMS READING AT CENTER SCALE) AND 0-250,000 OHMS (WITH SERIES TYPE CIRCUIT/3/30/44 666H CATALOG	ιτ,	CRB 60082 LAF-1 RE 9187B SIGNAL GEHERATOR FREQ. RAMSE: 90 TO 600 MC. INPUT: 105- 125V. 10. 50-60 CYCLES. 100 WAITS. PYLSE MODULATED, PURE CW (UMHODULATED CW) OR EXTERNALLY MODULATED BY SINE WAVE MODU- LATION. CALIBRATED OUTPUT. MAY BE SEPARATED INTO 2 UNITS (PULSER & OSCIL- 2/29/44 MAR. 44	CW-60087 UF VOLT-OHM-MILLIAMMETER: 0 TO 3. 15. 30, 150, 300 VOLTS AC/DC, 0 TO 3. 15 AMPS & 0-150 MILLIAMPS 0 TO 1000. 10000, 100,000, 1,000,000 OHMS. 1NCLUDES 50" TEST LEADS (PAIR) CW TYPE KS-9290, PAIR 50" TEST CLIP LEADS CW D-166852, KS-9290, KS-9308, KS-9291 4/4/44 OSEE ABDVE BL-101094 MAY 45 REV 0
CTO60077		CRB60082	CH-60087  TYPE KS-9291 AND ONE CARRYING STRAP CW TYPE KS-9308. MOVING COIL PERMARENT MAGNET TYPE, FULL SCALE DEFLECTION 100 MICROAMPERES DC.
CG-60078 UE-1 TEST OSCILLOSCOPE USES A 5" (5CPI) CATHODE RAY TUBE. SER TO CHECK PERFORMANCE OF OTHER UNITS OF THE TIMER EQUIPMENT.	VES	CGZ 60083 LAG RE 9268 RF SIGNAL GENERATOR FREO RANGE: 1200 TO 4000 MC. SUPPLY: 105-125 VOLTS, SINGLE PHASE, 60 CYCLES.	CDU- 60088 OBT  CATHODE RAY OSCILLOGRAPH: SUPPLY: 105 TO 125 VOLTS SINGLE PHASE, 50 TO 63 CYCLES. FREQUENCY RANGES: YERTICAL, 25 CYCLES TO 1.7 MC: HORIZON- TAL, 12 CYCLES TO 80 KC; SWEEP, 15 CYCLES TO 30 KC, INCLUDES 3 INCH CATHODE RAY
1/7/44 DL 4W412A MAR. 44		3/2/44 HAR. 44	TUBE HORIZOHTAL DEFLECTING ANODE SWEEP 4/24/44 249 DD-919-D-1 JULY 44
CG-60079 TDR WAVEMETER CALIBRATION UNIT INPUT: 115/1/60 FROM EITHER TRANSMITTE OR EXTERNAL SOURCE, ALSO 3 RF INPUTS. FREQ CONTINUOUSLY VARIABLE FROM 225 TO 400 MC. FREQUENCY OBTAINED BY READING METER AND THEN CONVERTING BY USE OF CALIBRATION CHART. PORTABLE.	R.	CALN 60084 OBL-2 RE-9280A CATHODE RAY OSCILLOGRAPH INPUT: 105 TO 125V, 10. 60 CYCLES, APPROX. 45 WAITS. FREQUENCY RESPONSE TO TO 100,000 CYCLES PER SEC. SWEEP FREQUENCY RANGE TO TO 30,000 CYCLES PER SEC. SIZE 14 1/4" X 10 3/4" X 6".	CDU-60088  CIRCUIT. AN AMPLIFIER FOR YERTICAL DE- FLECTING ANODES AND A POWER SUPPLY.
1/17/44 4MA8A1 P-7767084 FEB. 44 REV I		3/9/44 Mar. 44	
CTU 60080 OBL-3  CATHODE RAY OSCILLOGRAPH SUPPLY 165 TO 1257, 1\$\phi\$, 50-70~ 3"  CATHODE RAY OSCILLOGRAPH, POWER CON- SUMPTION, 40 WATTS. MAXIMUM IMPUT TO DIRECT OR AMPLIFIER TERMINALS, 400 VOL PEAK, LINEAR SWEEP FREQUENCY RANGE 7 T MORE THAN 30,000 CYCLES, GOING UP TO 1/18/44 CTU:341 RE 9280A MAR. 44 PLUS ADD. #1		CALN 60085 OBQ RE 9300-A VACUUM TUBE VOLT- OBM-BILLIAMMETER: INPUT: 105 TO 125V 10. 50 To 60 CYCLES. VOLTAGE RANGE: AC. 60~ TO 50 MC-O TO 2.5, O TO 10, 0-25, O 10 100, O 10 250V, DC VOLTS: SAME AS AC RANGES EXCEPT EXTRA RANGE O TO 1000V. RESISTANCE: O TO 1000, O TO 10000, O TO 3/9/44 MAR. 44	CY-60089 GEN. RADIO RE9558A  USE  VACUUM TUBE MCCOMMMETER: RANGE: 0-10.000 MCGOMMS IN ONE RANGE. INCLUDES 67 1/2 VOLT MINIMAX BATTERY (1) ONE 1.5 VOLT FLASHLIGHT BATTERY. AND ONE 1LH4 TUBE. SHIELD TERMINAL PROVIDED. 3 3/8" X 4 1/2" X 4 1/2" EXCLUSIVE OF 4/26/44 799 JULY 44
60,000 CYCLES.		CALN 60085 100,000, 0 TO 1 MEG, 0 TO 10 MEG, 0 TO 1000 MEG, DC MILLIAMPS: -0-2.5, 0 TO 10, 0 TO 25, 0 TO 100, 0 TO 250, 0 TO 1000. HEIGHT 10 3,4", MIDTH 97, DEPTH 87.	CY- 60089 BINDING POSTS AND RUBBER FEET.
CHS-60081 OBM  TIMER MONITOR OSCILLOSCOPE SUPPLY: 115/1/60, 90 MATTS, CONTAINS VERTICAL & HORYZONTAL AMPLIFIERS & SAM TOOTH SMEEP CIRCUIT. FREQ. RANGE OF SAM TOOTH SMEEP CIRCUIT 15 TO 30,000 CPS. FREQ. RESPONSE OF VERTICAL AMPLIFIER ±3 DB FROM 5 CPS TO 200 KC AMD OF 2/1/44 114 F12-53	ASSIGNED ISSUED		CY-60090 OBZ  YOLT-OHN-MILLIAMETER: RANGES: 0-2.5, 0-10,0-50,0-250,0-1000V DC: 0-2.5,0-10.0-50,0-250,0-1000V AC: 0-0.1 MA, 0-1 MA, 0-10 MA, 0-50 MA, 0-250 MA, 0-1 AMP, 0-10 AMPS DC: 0-3000  MMS, 0-30,000 OHMS, 0-3 MEGOHMS. 0-30 M:50HMS. INCLUDES 1.5 YOLT FLASHLIGHT 4/26/44 772-TYPE 6  JULY 44 MITHOUT CASE

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MANUFACTURER'S DESIGNATION

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CV-60090 BATTERY AND THO 7.5 BATTERIES (BURGESS 5540 OR EQUIVALENT). DOES NOT INCLUDE CASE.	CHK- 60095	CTO- 60101 MK 33  YOLT-OHM-MILLIAMMETER: SUPPLY: ANTERVAL BATTERY. DC YOLTS: 0-10-50-250-500-1000 AT 25000 OHMS/YOLT. AC YOLTS: 0-10-50-250-500-1000 AT 1000 OHMS/YOLT. DC MA: 0-1-10-50-250. DC MICROAMPS: 0-50 (THROUGH SEPARATE JACKS) RESISTANCE: 0-1000Ω SHUNT TYPE CIRCUITS; 6/28/44 1200F SEPT. 44
CY-60090-A GEN. RADIO USE VOLT-OHM-MILLIAMETER: SAME AS MAYY TYPE CY-60090 EXCEPT INCLUD- ES CARRYING CASE.  5/31/44 722-TYPE 6 SEPT. 44 WITH CASE	CAON- 60096 FOR USE WITH U4 TEST OSCILLOSCOPE: CONTAINS A TYPE 3BPICRT WITH SWEEP GEN- ERATOR. SWEEP TRIGGER INPUT CIRCUIT AND TRIGGER DELAY CIRCUIT, TEST SIGNAL AMPLIFIERS, AND POWER SUPPLY. REQUIRES 115Y, 60 CYCLES. PROVIDES OUTPUT OF 5Y FILAMENT WINDING AT 3 AMP. THREE 6.3Y 6/27/44 DEC 44	CTO- $60101$ O-300.000Q, O-3 MEGOHMS AND O-30 MEGOHMS SERIES TYPE CIRCUITS. 7 7/8" X 6 1/2" X 5 6/8",
CHK- 60091 OBL RE9280A	CAON 60096 FILAMENT WINDING AT 1,2.5 AND 5 AMPS.	CRB- 60102 LAE-2
SUPPLY: 105-125 VOLTS. 1 PHASE, 50-60 cycles, 60 watts. Frequency responce: 10-100,000 cps. 11 1/2" high, 8" wide, 14" PEEP.	ONE 2.5V FILAMENT AT 1.75 AMPS + 510V DC AND -150V REGULATED OUTPUTS AT +300 AND -105V, AN ACCELERATION POTENTIAL OF -2000V AT 0.005 AMPS.	SIGNAL GENERATOR: SUPPLY: 105/125/1/50-60. FREQ. RANGE: 510-1300 MC. SAME AS -60075-A EXCEPT HAS SHOCK MOUNTS INSTEAD OF DETENT FEET.
4/27/44 JULY 44		7/1/44 SEPT. 44
HK- 60092 OBQ-1 RE9300A  (ACCUMN TUBE VOLT-OHM  (ILLIAMMETER: SUPPLY: 105-125/1/50-60.  (ANCE: AC VOLTS, 0-2.5,-10-25-100-250;  OC VOLTS, 0-2.5-10-25-100-250-1000;  AA, 0-2.5-10-25-100-250-1000;  RESISTANCE,  1-1000Ω-10.000Ω-100.000Ω-1 MEG-10 MEGS-	CY-60097 OBZ  VACUUM TUBE ANALYZER: E MISSION TYPE TUBE TESTER, CHECKS ALL 4.5.6,73,71, OCTAL, LOCTAL, ACORN AND MINIATURE (ALL RECEIVING TUBES). OPERA- TES FROM 110/1/60. DOES NOT INCLUDE CASE.	CM-60103 PM TEST UNIT;
1000 HEGS. 6/1/44 Sept. 44	5/31/44 777-TYPE I SEPT. 44 WITHOUT CASE	7/6/44 CM:X-66534B SEPI. 44
CAUY- 60093 08Q-2 RE9300A VACUUM TUBE YOLT-OHM MILLAMMETER: SUPPLY: 105*125/1/50-60. RANGES AC VOLTS. 0-2.5-10-25-100-250; 0C VOLTS. 0-2.5-10-25-100-250-1000; DC MA, 0-2.5-10-25-100-250-1000; RESISTANCE. 0-10000 MEGS. 5/1/44 HAY 45	CAG- 60098 GEN. USE REISA894A  PRECISION MAYEMETER: PLUS ADD #1  FREQUENCY RANGE: 16 KC TO 50 MC. ACCURACY  ±0.25% BETHEEN 50 KC AND 50 MC AND  ±1.0% BELOW 50 KC. INCLUDES 1.5 VOLT  BATTERY. 17 7/8" X 15" X 12 1/2".  MEIGHT WITH CARRYING CASE IS 35 1/2 LBS.  6/9/44 724-A  SEFT. 44	CDU- 60 104 OCA  MONITOR OSCILLOSCOPE INPUT 115/1/60, APPROX. 75 WATTS, USED T. TEST OUTPUT PULSE SHAPE, CARRIER FREQ- UENCY AND WAVE FORMS AT TEST POINTS IN LORAN TRANSHITERS, SIMILAR TO NAVY TYPE -60073 EXCEPT LOCAL ANT, INPUT AND ANTI- RESONANT CIRCUIT BEMOVED, SERIES RESONAN 7/6/44 OCT. 44
CODO CEN 1105 051710501	CRB- 60099 LAF-2	
:AG-60094 GEN. USE REI3A969A 1.F. BRIDGE: 1REQ. RANGE: 400 KC -60 MC. RESISTANCE 1ANGE: 0-1000 OHMS. REACTANCE RANGE: 1-5000 OHMS (AT 1 MC). ACCUMACY FOR RE- 1CTANCE ±28 ±1Ω R.F. GENERATOR AND DETEC- 1OR REQUIRED SIZE 17 X 13 1/2 X 11 1/8".	SIGNAL GENERATOR: FREQ. RANGE: 90-600 MC. INPUT: 105-125 YOLTS. 10. 50-60-, 100 MATTS. SAME AS -60082 EXCEPT HAS NO SHOCK MOUNTS AND OTHER MINOR CHANGES.	CDU- 60104 CIRCUIT (1700 TO 2000 KC) INSERTED IN LY INPUT. TRIGGER CIRCUIT AND SWITCH ADDED, INPUTS MARKED LV AND HV INPUT. SWITCHING ARRANGEMENT HODIFIED. SAME SIZE AS -60073.
WEIGHT 35 LBS. INCLUDES 2 INPUT TRANS- 5/24/44 916-A SEPT. 44	6/22/44 DM-1015 SEPT. 44 ISSUE A	
CAG- 60094  FORMER ONE COVERING 400 KC TO 3 MC,  OTHER 3 MC TO 60 MC., 2 LEADS OF DIFFER-  ENT LENGTHS: 2 COAXIAL CABLES CONNECT-  ING GENERATOR AND DETECTOR.  NXST-62333	CHK- 60100 MK 35  VACUUM TUBE VOLTHETER: SUPPLY: 100-150 VOLTS: 10 40-60 DC VOLTS: 0-1.5-3-15-75-150-750-7500 AC VOLTS: 0-1.5-3-50-150, HF VOLTHETER USES A TYPE 955 ACORN LOW CAPACITY TUBE AT END OF TEST PROBE SO THAT LOADING OF CIRCUIT UNDER TEST IS HELD TO A LOW 6/28/44 110 SEPT- 44	CML- 60 105 OCB RE 13A 859-A AUDIO MONITOR SUPPLY: 115 OR 230 VOLTS, 1 PHASE, 50 TO 70 CYCLES. 6 CHANNEL. POWER CONSUMPTION AT 60 CYCLES IS 45 WATTS WITH CURRENT. 45 AMPS AT ITSY AC. 22 AMPS AT 230V. INCLUDES AUDIO AMPLIFIER AND BUILT-IM SPEAKER. CAN BE CONNECTED TO REMOTE 7/8/44 OCT. 44 CM:#03007
CHK- 60095 LAK RE9327A R.F. SIGNAL GENERATOR: PLUS ADD #1 SUPPLY: 1107/150-60. FREQUENCY RANGE 100 KC-72 MC. HAS 400 CYCLE MODULATION. 100 KC AND 1000 KC CRYSTAL CALIBRATOR. VACUUM TUBE VOLTMETER FOR MEASURING SIGNAL INPUT TO OUTPUT ATTENNATOR. CASE SIZE IS 13" X 16" X 7". VOLTAGE OUTPUT	CHK-60100  VALUE OF 5 MMFD CAPACITY. SINGLE AD- JUSTMENT NECESSARY FOR ALL HF AND DC  RANGES.	C#L- 60105
5/27/44 19X SEPT. 44 ASSIGNED	ASSIGNED 1SQUED	
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DESIGNATION FIRST ASSIGNED FOR DANY PRAYING DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION CAFQ- 60106 X-RDJ CART- 60115 083 RE 96248 CAFA- 60 106 X-RDJ
PULSE ANALYZER
CONSISTS OF A 5" SCOPE BUILT-IN OSCILLATOR (FRED. APPROX. 20-10000 CPS).
VIDEO AMPLIFIER (BAND WIOTH 60 CPS. TO
2.5 MEGOCYCLES), BUILT IN RECTIFIER, AND
METER FOR READING PULSE REPETITION RATE
TO 5%. INPUT: 50-115/1/60. POMER IMPUT
7/21/44 474
XE-186-101 CA91-60111 LAJ RE9373-6 CAGI- 5011) OBS RE5924W
SERVOSCOPE
INPUT 1151/60-1230. HAS SVEEP LENGTHS
OF 5, 20, 100, 500 AND 5000 MICROSECONDS
TRIGGERED PULSE REPETITION FREQUENCY UP
TO 50 KC WITH YOLTAGE PULSES CEITHER
POSITIVE OR NEGATIVE) FROM TO TO 500
PEAK VOLIS. CONTAINS A BLOCKING OSCIL-AUDIO OSCILLATOR
A RESISTANCE-CAPACITOR AUDIO OSCILLATOR.
FRED. RANGE 20-20,000 CPS. INPUT RATED
105 TO 120 VOLTS. 10, 60 CYCLES. APPROX.
61 MATTS. POWER OUTPUT: 250 MILLIWATTS. OUTPUT IMPEDANCE 600 OMMS. DISTORTION FROM 30 TC 20,000 CYCLES LESS THAM 15 9/4/44 5265 CAG1:311 10/2/44 REV A JAN 45 CAFO 60106 CAQT - 60115 CAQ1- 60111 115 WATTS LINE CURRENT AT 115V IS 1.2 BELOW 30 CYCLES, LESS THAN 65 ABOVE 15,000 CYCLES, LESS THAN 25. HUM-LATOR VARIABLE FROM 60 TO 3000 CTCLES. USE A 6" TUBE (SJP1). LEVEL LESS THAN 60 db. CAPO- 60107 GENERAL USE RE 134 985 RE13A 678-A RQ- 60116 JP-1a, JP-2a, JP-3a CAND- 60112 0F-2 DC MICROAMMETER
PORTABLE MULTI-RANGE, RANGE: 0-50-100250-500-1000 MICROAMPS. 6" X 4" X 3".
INCLUDES MOLDED BAKELITE CASE IN WHICH
THIS UNIT IS HOUSED. MEIGHT DOES NOT EXCEEO 3 1/2 LBS. SOUND LEVEL METER UNIT
CONSISTS OF A MESTON 862. TYPE N. DECIBEL METER WITH OPTIONAL DAMPING CIRCUIT,
MOUNTED IN A BOX WHICH IS INSTALLED ON RADIO INTERFERENCE LOCATOR FREQUENCY RANGE: 150 KC TO 350 KC AND
540 KC TO 18 MC IN 4 BANDS. SENSITIVITY
RANGE: 10 TO 100,000 MICROVOLTS PER
METER TO MEASURE INPUT VOLTAGES AND FIEL!
INTENSITIES. MOUSED IN SINGLE CARRYING
CASE WITH PROVISIONS FOR CARRYING A 78" THE TYPE -55159 MAGE EYE INDICATOR. (NXsr-71264) 8/2/44 284 DEC. 44 9/19/44 42 10/4/44 OCT. 44 JAN 45 CDU- 60108 OBR CABE - 60117 OCK RE13A587 RE13A921 CANQ- 60112 CATHODE RAY OSCILLAGRAPH ADD. #1
SUPPLY: 115V. 23DV. 40-60 CYGLES A.C.
PUMCA, 90 MAIIS. INCLUDES 5" CATHODE RAY
TUBE. (TYPE SLP1 OR SLP5). ACCELERATING RADIO FREQUENCY BRIDGE FREO-RANGE 25-5000 KC, RES RANGE 0.1 TO 311 OHMS ± 24 TO 111; ± 2 1/25 111 TO 211; ± 35 211 TO 311 OHMS. MAX CAPACITIYE WHIP ANTENNA & ANTENNA-GROUND PLUG UNIT. POWER SUPPLY: SELF-CONTAINED DRY BATTER POTENTIAL IS 1400 VOLTS. INPUT IMPEDANCE X-AXIS-5 MEGOMMS, 25 MMFD. T-AXIS-2 MEGOMMS, CONSTANT 50 MFD IMPUT LOADING. 8/5/44 208-B DD-520-0 REACTANCE RANGE 0.016 TO 152,800 OHMS.
MAX INDUCTIVE REACTANCE RANGE 0.016 TO
58000 OHMS. REACTANCE TOLERANCE ± 1% AT 10/7/44 JAN 45 ISSUE 2 cpu- 60108 CAQI - 60113 FOR GEN. RADIO USE CABE- 60117 VOLTAGE GAIN Y-AXIS-2000 TIMES; Y-AXIS
43 TIMES. SWEEP CIRCUIT FREQ. 2 TO 50,000
CPS. SWEEP IS LEFT TO RIGHT. 1000 KC. PERFORMS SAME ELECTRICAL FUNC-TION AS -60009. AUDIO FREQUENCY AUDIT FREQUENCY
OSCILLATOR: A RESISTANCE-TUNED OSCILLATOR CONSISTING OF STABILIZED AMPLIFIER
WITH REGENERATION SUPPLIED THROUGH A
FREQUENCY SELECTIVE RESISTANCE CAPACITY NETWORK. INPUT: 115/1/60, 50 WATTS. REQUENCY RANGES: 7-70 CPS. 70-700 CPS. 9/18/44 200-D OCI. 44 CTO- 60118 GEN RADIO USE REI3A971A
AMMETER - D.C.
CONSISTS OF A 3" TRIPLETT METER IN MOLDED PHEMOLIC CASE. SCALE RANGES 0-5. 0-10
0-25. SIX BINDING POSTS MAKE POSSIBLE
RANGES OF 0-1. 0-2.5, 0-5. 0-10 AND 0-25
AT 100 MILLIVOLIS. SIMILAR TO TYPE
-60055 EXCEPT FOR SIZE OF CASE.
10/9/44 674
JAN 45 cou-.60109 occ RE 95064 CA01- 60113 CATHODE RAY OSCILLOGRAPH
POWER SUPPLY 115V/1/60 CYCLES ONLY.
POWER CONSUMPTION 160 VOLIS. 6 FREQ.
RANGES BY ADJUSTMENT OF FREQ. VERMIER. 700-7000 CPS, 7000 CPS - 70 KC; FREG-UENCY TUNED BY MEANS OF VARIABLE CONDEN-SER. OUTPUT: 10 VOLTS INTO 1000 OHMS LOAD, CONSTANT WITHIN 1105 FROM 7 CPS CONTROL .15 CYCLES PER SEC TO 30 KILO-CYCLES PER SEC. TO 70 KC. 8/7/44 241 OCT- 44 CDU:DD-747-D-1 JAH 45 CABL-60110 LAF RE 9187-8 CTO- 60119 GEN RADIO USE RE13A871A CABL- 60114 LAF-3 AMMETER - D.C.
CONSISTS OF A 3" TRIPLETT HETER IN MOLDED PHENOLIC CASE. SCALE RANGES 0-5. 0-10 SIGNAL GENERATOR FREQ. RANGE: 90 TO 600 MC. PULSE MODU-SIGNAL GENERATOR
FREQUENCY: 90 TO 600 MC. PULSE MODULATED, PURE CM (UMMODULATED CM) OR EXTERNALLY MODULATED BY SINE MAYE MODULATION.
INPUT: 105-125 YOLTS SINGLE PHASE,
50-1600 CPS, CALIBRATED OUTPUT. HAY BE THE OF THE CHARTS OF THE MAN AND 0-100. SIX BINDING POSTS MADE POS-SIBLE RANGES OF 0-1, 0-2.5, 0-5, 0-10. AND 0-100 AMPS AT 100 MILLIVOLTS. SAME AS -60119 EXCEPT 100 AMP. RANGE IS SUB 10/9/44 674-H SEPARATED INTO 2 UNITS (PULSER AND OSCIL-8/18/44 LAF-46-120 38036 JAN 45 OCT. 44

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LATOR) BY REMOVING SOME SCREWS. SIMILAR

TO -60110 EXCEPT CABINET IS SLIGHTLY HIGHER, FUSE IS REPLACED BY A THERMISTOR THUS ELIMINATING NECESSITY FOR A BOLOMETER PROTECTIVE CIRCUIT, AND VENTILATING

CABL- 60114

CTO- 60119

STITUTED FOR 25 AMP. RANGE, AND A LEA-

THER CARRYING CASE IS SUPPLIED.

STRUCTION.

CABL- 60110

LATOR) BY REMOVING SOME SCREWS. SAME AS

60076 EXCEPT FOR CABINET SIZE AND CON-

HAVY TYPE FIRST ASSIGNED FOR MAYY DRAWING OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON THE CITIZENION	HAYY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CTO- 60120 GEN RADIO USE REISA971A AMMETER - A.C. CONSISTS OF A 3" TRIPLETT METER IN MOLD- ED PHENOLIC CASE. SCALE RANGES: 0-5. O-10. 0-25. SIX B INDIM POSTS MAKES POS- SIBLE RANGES OF 0-1, 0-2.5, 0-5, 0-10. O-25 AMPS AT 1 YOLT AMP. SIMILAR TO TYPE -60056 EXCEPT FOR SIZE OF CASE. 10/9/44 670 JAN. 45	CFD- 60125 LX-1  U.H.F. SIGNAL GENERATOR  CARRIER FREQUENCY RANGE 7.5 TO 330 MC IN FIVE RANGES (7.5-22/22-50/50-120/120- 240/240-330) DIRECT READING WITHIN ±2±.  OUTPUT VOLTAGE RANGE: 1 MICROYOLT TO 20 MILLIVOLTS FOR 7.5 TO 100MC, I MICROYOLT TO 10 MILLIVOLTS FOR 100-330MC. OUTPUT 1/11/45 804LX 180-578 FEB. 45 ALT 0	CW-60129 TORTION MEASUREMENTS AND VOICE FREQUENCY RESPONSE, REQUIRES SOURCE OF 105 TO 125 VOLTS, SINGLE PHASE, 50 TO 60 CYCLES POWER.
CTO-60121 GEN RADIO USE REIZA971A  AMMETER - A.C.  CONSISTS OF A 3" TRIPLETT METER IN MOLD- ED PHENOLIC CASE. SCALE RANGES: 0-5, 0-10, 0-100. SIX BINDING POSTS MAKE POS- SIBLE RANGES OF 0-1, 0-2.5, 0-5, 0-10, 0-100 AMPS. AT I VOLT AMP. SAME AS TYPE -60120 EXCEPT A 100 AMP. RANGE SUBSTI- 10/9/44 670-H  JAN. 45	CFD-60125 IS OBTAINED ACROSS 75Q CABLE. AM MODIMATION (0-60%), INTERNAL 1000 CYCLES ±5%; INTERNAL FLAT WITHIN 2 DB FROM 109 TO 20000 CYCLES. SEVEN 90-115 REQUIRED FOR 50% MODIMATION. INPUT IMPEDANCE 0.25 MEG SUPPLY 115/1/60. SIMILAR TO -60040 EXCEPT DIFFERENT SIZE CASE AND HAS SWITCH TO GROUND POSITIVE OR NEGATIVE SIDE OF OUTPUT FROM INTERNAL RECTIFIER.	CANQ- 60130 OBL-4 CATHODE RAY OSCILLOSCOPE SUPPLY: 105 TO 125/1/50 TO 70.5 "CATHOD RAY OSCILLOSCOPE. LINEAR SWEEP FREQUENC 8 TO 40,000 CPS. FREQUENCY RESPONSE UNIFORM FROM 10 TO 100,000 CPS WITHIN 2DB DEFLECTION SENSITIVITY: 1" DEFLECTION FOR 0.5 VOLT RMS INPUT. 2/15/45 43 AAR. 45
CTO-60121 TUTED FOR THE 25 AMP RANGE, AND A LEATHER CARRYING CASE IS PROVIDED.	CH-60125 TEP MONITOR PANCE. PROVIDES MEANS OF MEASURING DISTORTION OF THE SINGLE SIDEBAND TRANSMITTER OUT- PUT. CONTAINS A FIRST DETECTOR WITH OUT PUT AT 2625KC, A SECOND DETECTOR WITH AM AUDIO OUTPUT, A HARNONIC GENERATOR TO DRIVE FIRST DETECTOR, AND A 2625KC 1/17/45 FEB. 45	CYY- 60131 OCT RE 134958  FREQUENCY SHIFT MONITOR  INPUT: 115 OR 230 ±101/1/50 TO 60.  MEASURES & CALLBRATES FREQUENCY SHIFT  KEYER WHEN MARK FREQUENCY IS 300 TO 700  CPS ABOVE ASSIGNED TRANSMITTER RADIO  FREQUENCY & SPACE FREQUENCY 300 TO 700  CPS BELOW ASSIGNED TRANSMITTER RADIO 2/16/45  MAR. 45 ISSUE 1
CLB- 60122 LO-4 REIJAB16 BEAT FREQUENCY OSCILLATOR FREQ RANGE 25-15000 CPS. INPUT 110-120/ 1/60, 40 WATTS. POWER OUTPUT 100 MILLI- WATTS INTO 600 OHMS. VOLTAGE OUTPUT 7.74 VOLTS ACROSS 600 OHMS. TOTAL HARMONIC DISTORTION LESS THAN 3% ABOVE 50 CYCLES; LESS THAN 5% BELOW 50 CYCLES. OUTPUT (M- 10/20/44  JAN. 45	CM-60126 AMPLIFIER TO DRIVE SECOND DETECTOR.	CYY-60131  FREQUENCY & MEASURES & CALIBRATES FREQUENCY SHIFT IN CPS WHEN USED ON ANY NAVY TRANSMITTER OPERATING WITHIN FREQ. RANGE GF 4 TO 26 MCS.
CLB-60122 PEDANCE 600 OHMS.	CM-60127 UP  RELAY TEST PANEL (ITIAT)  PROVIDES MEANS FOR TESTING & ADJUSTING  VARIOUS POLAR RELAYS, OPERATES ON NEGA-  TIVE 24 VOLT & POSITIVE 130 VOLT BATTERY  MOUNTED ON STEEL PANEL.	CDU- 60132 OBN RE 9375B TRANSMITTER MONIFOR OSCILLOSCOPE INPUT: 11571/60. 160 WATTS INPUT FREQUENCY RANGE: 1700-2000 KC (CRYSTAL FREQUENCIES 1750 KC, 1850 KC, 1900 KC, 1950 KC). DESIGNED TO HONITOR WAVEFORMS
	1/19/45 J66118E-1 J66118E-1 FEB. 45 LISTS 2 & 3 R & RU, ISS 9	& FREQUENCY OF LORAN TRANSMITIERS. THRE 2/17/45 258 Mar. 45
CAQ1-60123 GEN RADIO USE RE 13A 947A VACUUM TURE VOLTHETER- AC: OPERATES FROM 115/1/60. INPUT (MPEDANCE I MEGOMM SHUNTED BY CAPACITY OF 16 MMFD. VOLTAGE RANGES: 0-0.03, 0-0.1; 0-0.3; 0-1.0, 0-3.0,0-10.0-30,0-100.0-300. FRE- QUENCY RESPONSE: WITHIN 35 FROM 10 TO 100,000 CPS AND WITHIN 55 FROM 100,000 10/24/44 400A CAQ1;#840 JAN. 45 JAN. 45 JAN. 45	CW-60128 UP AUTOMATIC TELEGRAPH SERVICE MONITORING PANEL: A STEEL PANEL EQUIP- PED WITH COILS, VARISTORS, VACUUM TUBES, RELAYS, RESISTORS, CAPACITORS, POTENTIO- METERS, SWITCHES & KEYS, INDICATES AU- DIBLY & VISUALLY WHEN A TELEGRAPH CIR- CUIT IS DETERIORATING EXCESSIVELY AS 1/19/45 X-664218-1 X-664218-1 FEB. 45 LIST I RI & R3. ISS 4	CDU- 60132  DRIVEN SWEEP SPEEDS OF 25,100 AND 20,00 MICROSECONDS DURATION FOR DISPLAYING EITHER RADIO PREQUENCY OR RECTIFIED WAVEFORMS. MARKER CIRCUIT PROVIDES 10 MICROSECOND MARKERS ON SWEEP TRACE. VARIABLE DELAY CIRCUIT PERMITS SWEEP TO BE TRIGGERED IMMEDIATELY OR DELAYED FROIS TO 300 MICROSECONDS AFIER THE TRIGGER
CAQ1- 60123 CYCLES TO I MEGACYCLE PER SECOND.	CN-60128  MEASURED BY SHORTENING OF MARK AND SPACE SIGNALS. REQUIRES SOURCE OF POSITIVE & NEGATIVE 130V DC AND 6.3V AC SUPPLY.	CGQ- 60133 SEE BELOW CRYSTAL CALIBRATOR & MONITOR HAS PROVISIONS FOR MOUNTING 10 CRYSTALS (SIGNAL CORPS FIT-243 OR NAVY TYPE -4012 OF ANY FREQUENCY. CONSISTS OF BATTERY OPERATED PIERCE OSCILLATOR, WITH CRYSTA SELECTOR SWITCH, FOR CHECKING FREQUENCY 4FOR USE WITH TBX SERIES 2/21/45 MAR. 45
CRP-60124 SG-3 POWER MONIFOR: IMPUT 115/1/20, O.2 AMPS. USED AS TEST EQUIPMENT TO MEASURE POWER OUTPUT OF MODEL SG-3 ANTENNA.	CM-60129 OCS & UP TEST AMPLIFIER RECTIFIER A 2-STAGE FEEDPACK AMPLIFIER ARRANGED FOR AC OPERATION WITH VARISTOR FOR REC- TIFYING AMPLIFIED TONE & A db METER FOR MEASURING TESTING TONES & DISTORTION PRODUCTS. METER HAS RANGE OF 0 TO 15 db ABOVE 1 MILLINATI. USED IN MAKING DIS- 1/1/9/45 H-327-209 H-327-209	CCQ- 60133 OF ANY TBX RECEIVER OR MONITORING ANY TBX TRANSMITTER.
11/11/44 RX-1356 M-75A-U3 JAN. 45 SUB. 0 ASSIGNED	T FEB. 45 LIST ! R&U ISS !	
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NAVY TYPE DESIGNATION FIRST ASSIGNED FOR NAVY DRAWING OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR MANY DRAWING	MAYY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CGZ-60134 OAN-I PORTABLE TUBE TESTER SUPPLY: 115/1/60. USED TO CHECK TUBES FOR GAS. CR4CKED SEALS OR SHORTED ELEMENTS. INCICATES CONDITION OF TUBE LIFE BY CHECKING EMISSION. INCLUDES METERS FOR MEASURING GRID & FILAMENT VOLIAGES, & PLATE CURRENT: 2 MANUALLY 2/23/45 P140B P140B-A2 MAR. 45 ALT 0	RQ-60139 GEN. SONAR USE NOISE GENERATOR INPUT: 115/1/60, FUSED AT 1 AMPERE, PRO- VIDES EXCITATION TO THE TYPE CQA-51079 HYDROPHONE WHICH TRANSMITS AN UNDERWATER SIGNAL FOR CALIBRATION, HAS 4 MOUNTING EARS ON BACK, TWO TERMINAL TUBES ON UNDERSIDE 4 THE CHASSIS IS ATTACHED TO 3/30/45 APR. 45	CRY- 60145 QFM SIGNAL GENERATOR: INCLUDES ELECTRONIC AND MECHANICAL CIR- CUITS AND PARTS TO SYNTHESIZE ALL SHIP NOISES, PROPELLOR BEATS, ECHO RANGING SIGNALS, ETC.  5/8/45 MI-16808 W-303590 JUN. 45 SUZ 0
CGZ-60134  ADJUSTED CONTROLS, 2 PUSH BUTTON SMITCH- ES, 3 TOGGLE SMITCHES & 2 PILOT LIGHTS. HAS ENCLOSED COMPARTMENT ON RIGHT FRONT SIDE TO HOUSE TUBE TO BE TESTED & ALL TEST LEADS, DOOR OF WHICH OPERATES INTERLOCK SHITCH WHICH AUTOMATICALLY DISCONNECTS 1104 PHAGE SUPPLY WHEN OPENED, SAME AS TYPE -60067 CLECTRICALLY BUT NOT MECHANICALLY.	RQ-60139 THE REMOVABLE FRONT COVER. USED WITH EQUIPMENTS THAT USE BEARING DEVIATION INDICATOR BETHEEN FREQUENCY RANGE OF 100 AND 45,000 CPS.	CADY- 60146 OCY FIELD STRENGTH & NOISE METER: OPERATES FROM 105 TO 125/1/50 TO 60. FREQUENCY RANGE: 125-400 MC, IN STITULE BAND. CAPABLE OF MEASURING VOLTAGES FROM 5 TO 100,000 MICROVOLTS, AND WHEN USED WITH TYPE CADY-66151 DIPOLE ANTENNA CAN MEASURE NOISE & FIELD INTENSTIES IN THE 5/26/45 NMA-3 JUN. 45
CGZ-60135 LAG-1 RE 9268A  R F SIGNAL GENERATOR  FREQUENCY RANGE: 1200 TO 4000 MC.  SUPPLY: 105 TO 125 VOLTS, SINGLE PHASE, 60 CYCLES. SIMILAR TO -60083 RF SIGNAL  GENERATOR EXCEPT FOR ELIMINATION OF SHOCK PLATE AND SHOCK MOUNTS AND THE ADDITION OF FEET TO THE CABINET.  3/10/45  MAR. 45	RQ-60140 GEN. SONAR USE  NOISE GENERATOR: IMPUT: 115/1/60. FUSED FOR 1 AMPERE. GENERATES A NOISE SOURCE AND FURNISHES A CONTROLLABLE BALANCED OUTPUT THAT LOOKS LIKE TWO 1-OHM GENERATORS. UNIT IS PORTABLE AND SELF-CONTAINED AND IS NOT INTENDED FOR PERHANENT MOUNTING. 4/5/45  MAY 45	CADY: 60146 RANGE OF 24 TO 100,000 MICROVOLTS PER METER. IF OF 30 MC. UNIT IS ESSENTIALLY A SUPERHETERCOTHE RECEIVER WITH AN ASSOCIATED SHOT-HOISE CALIBRATOR AND A SIGNAL TYPE VOLTMETER IN THE OUTPUT OF SECOND DETECTOR.
CDA- 60136 SX SIGNAL GENERATOR IMPUT 50/2/50 AT 2 WATTS, 0.15 AMP MAX. OUTPUT 88/92 VOLTS.  CANCELLED  3/22/45 3-A-330 CHC:22501, APR. 45 REY 0	CHK- 60141 OCR RE 13A1020 YOLT-OHM-MILLIAMMETER: PLUS ADD #1 SUPPLY: INTERNAL BATTERIES. RANGE: 0-2.5-10-25-1000 VOLTS AC AND DC AT 1000 OHMS/VOLT; 0-10-100-1003 HA OC; 0-1000-100,000,-10,000,000 OHMS; -16 TO +54 Db. PORTABLE AND SUBMERS; ON PROOF. 4/20/45 445 HAY 45	
CY-60137 OCL RE ISABIIB  VACUUM TUBE ANALYZER  PROPORTIONAL MUTDAL CONDUCTANCE TYPE, CAPASTE OF CHECKING ACCURATELY ALL RE- CEIVING TUBES OF THE FILAMENT OR CATHODE TYPE, OPERATING WITH FILAMENT VOLTAGES FROM 1,5 TO 117 VOLTS, CHECKS ALL 4,5, AND 6 PRONG TYPES, 7 PRONG SMALL BASE, 3/24/45 798 APR. 45	CAJ- 60142 OCM INSULATION RESISTANCE TESTER: RANGE: 0 TO 100 MEGOHMS MEASURED AT POTENTIAL OF 500 VOLTS. CONTAINS A HAND CRANK AC GENERATOR, RECTIFIER FILTER AND VOLTAGE REGULATOR SYSTEM. MOISTURE PROOF. PORTABLE.  4/25/45 40A CS-159 MAY 45	
7 PRONG LARGE BASE, OCTAL LOCTAL, BANTAM MINIATURE, AND ACORN TYPES, OPERATES FROM 110 TO 120/1/60, WELDED ALUMINUM CARRYING CASE.	CTU- 60143 OCR-1 VOLT-OHM-MILLIAMMETER: SUPPLY: INTERNAL BATTERIES. RANGES: 0-2.5-10-25-100-250-1000 VOLTS AC AND DC AT 1000 OHMS/VOLT; 0-10-100-1000 MA DC; 0-1000-100,000-10.000,000 OHMS; -16 T0 +54 Db. PORTABLE AND SUBMERSION PROOF. 6/1/45 335 CTU-335 HAY 45	
CDU- 60138 OCU RE 13A890B CATHODE RAY OSCILLOSCOPE IMPUT: 105 TO 125/1/50 TO 60, 50 WATTS. CONSISTS OF 3" CATHODE RAY TUBE, AMPLIFIER FOR VERTICAL DEFLECTION & AMPLIFIER FOR HORIZONTAL DEFLECTION & CIRCUIT FOR PROVIDING LINEAR SWEEP VOLTAGES BETWEEN RANGE OF 8 AND 30,000 CPS TO BE USED IN 3/29/45 268 APR. 45	CLB- 60144 OZA RE 9287A CAPACITANCE AND RESISTANCE ADD. #1 BRIDGE: INPUT: 105 TO 125V, SINGLE PHASE, 50 TO 60 CYCLES; 40 WATTS. A BRIDGE FOR MEASURING CAPACITANCE. RE- SISTANCE & TRANS RATIO OF TRANSFORMERS. ALSO HAS ANALYZER CIRCUIT FOR POLARIZ- ING ELECTROLYTIC CAPACITORS WHILE MEA- 5/1/45 245 JUN. 45	
CDU-60138  CONJUNCTION WITH HORIZONTAL DEFLECTION AMPLIFIER TO PROVIDE LIMEAR TIME BASE. INPUT FREQUENCY RANGE TO TO 100,000 CYCLES. GAIN CONTROLS FOCUS, INTENSITY & POSITIONING CONTROLS ON FRONT PARKE; ALSO INPUT TERMINALS FOR AMPLIFIERS. ALSO HAS CONTROLS ACONNECTIONS AT REAR. UNIT HAS 7 FOOT POWER CABLE ATTACHED & A CARRYING MANDLE.	SURING CAPACITANCE, POWER CLB-60144 FACTOR & ELECTRICAL LEANAGE, RANGES: CAPACITANCE, 10 MMF0 FC 110 MMF0: POWER FACTOR 0 TO 501; RESISTANCE: 10 MM TO 11 MEGOMMS; TURN RATIO: 0.001 TO 11,000; INSULATION RESISTANCE 0 TO 10,000 MEO- OMMS; LEANAGE CURRENT: 0 TO 1,0 MA, 0 TO 2.5 MA, 8 0 TO 5 MA; POLARIZING VOLTAGE: 0 TO 500V PC. SIMILAR IN FUNCTION TO TYPE CLB-60007 PORTABLE.	ID.

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