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Test elements/su nport tool	TO32-6109	Direction Connector	R&K	DC-501302-2047	FREQUENCY RANGE : 500MHz ~ 3GHz、 MAIN LINE LOSS : 0.75dB(MAX)、 COUPLING : 20dB±1dB、 VSWR : 1.5(MAX)、 IMPEDANCE : 50Ω MAXIMILIN RE INPUT POWER : 50W SMA	10,000	N		7 days	B2
Test elements/su nport tool	UKK-0393	APC3.5(Female)-APC3.5(Female)	Agilent	1250-1749	APC3.5(Female)-APC3.5(Female)	10,000	N		7 days	B2
Test elements/su nport tool	UKK-0394	APC3.5(Female)-APC3.5(Female)	Agilent	1250-1749	APC3.5(Female)-APC3.5(Female)	10,000	N		7 days	B2
Test elements/su nport tool	Y0814	Multiplexer	Agilent	34901A	For 34970A, 20ch	24,000	N		7 days	R1
Test elements/su nport tool	Y0815	Multiplexer	Agilent	34901A	For 34970A, 20ch	24,000	N		7 days	R1
Test elements/su nport tool	Y0816	Multiplexer	Agilent	34901A	For 34970A, 20ch	24,000	N		7 days	R1
Test elements/su nport tool	Y0739	Switch Controller	Agilent	3499B	2 slot Half rack size, Switch/control unit, Main frame	105,000	B		6 months	R2
Test elements/su nport tool	UKK-0307	Module	Agilent	44470A	10ch Relay multiplexer module for 3488A3499A, Max. 250 V, 2 A, 60 W, 125 VA / ch	25,000	N		7 days	B3
Test elements/su nport tool	UKK-0309	Module	Agilent	44471D	20ch Multipurpose relay module for 3488A3499A. Each relays can be switched (Max.250V, 1A, or Max.60W or Max.125VA)	30,000	N		7 days	B3
Test elements/su nport tool	UKK-0310	Module	Agilent	44471D	20ch Multipurpose relay module for 3488A3499A. Each relays can be switched (Max.250V, 1A, or Max.60W or Max.125VA)	30,000	N		7 days	B3
Test elements/su nport tool	Y0766	Module	Agilent	44476A	For 3488A3499A. Microwave switch module	200,000	N		7 days	R2
Test elements/su nport tool	UKK-2895	Direction Connector	Agilent	778D	Frequency range : 100MHz ~ 2GHz, Attenuation : 20dB, Input : Max.50W, Primary Input N type receipt /Output N type plug, Aux. N型 receptacle	40,000	N		7 days	B2
Test elements/su nport tool	UKK-2896	Direction Connector	Agilent	778D	Frequency range : 100MHz ~ 2GHz, Attenuation : 20dB, Input : Max.50W, Primary Input N type receipt /Output N type plug, Aux. N型 receptacle	40,000	N		7 days	B2
Test elements/su nport tool	UKS-0072	Coaxial adapter	Agilent	83059B	DC ~ 26.5GHz, 3.5mm Female, 3.5mm Female, Return loss : 32dB	10,000	N		None	B3
Test elements/su nport tool	UKK-6502	Pre Amp (RF Amplifier)	Agilent	8447F	0.009 ~ 50MHz, Gain : 28dB, 0.1 ~ 1300MHz, Gian 25dB	80,000	C	OPT:H64	7 days	B2
Test elements/su nport tool	UKK-0990	Fixed attenuator	Agilent	8491A	Frequency range : DC ~ 12, 4GHz, 2W, 50Ω/N ( plug ) - N ( receipt ) , Op.006(6dB)	10,000	N	006	7 days	B2
Test elements/su nport tool	TO32-6014	Fixed attenuator	Agilent	8493A	Frequency range : DC ~ 12.4 GHz, Attenuation : Max.10±0.5dB, Power : 2W, Connector : 50Ω SMA type ( plug,/receipt ) Remark : 0100 ( attenuation : 10dB )	10,000	N	010	7 days	B2

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Test elements/su pport tool	UKK-6307	Fixed attenuator	Agilent	8493C	Frequency range : DC ~ 26.5GHz, Max. input power : 2W(Ave.)/100W(peak), Connector : 50Ω 3.5mm type ( plug · receipt ) , Note : 020 ( Attenuation :20dB )	10,000	B	English manual	7 days	B2
Test elements/su pport tool	UKK-6308	Coaxial fixed attenuator (20dB)	Agilent	8493C	Frequency range : DC ~ 26.5GHz, Max. input power : 2W(Ave.)/100W(peak), Connector : 50Ω 3.5mm type ( plug · receipt ) , Note : 020 ( Attenuation :20dB )	10,000	B	English manual	7 days	B2
Test elements/su pport tool	UKK-6349	Step attenuator	Agilent	8494B	Frequency range : DC ~ 18GHz, Attenuation range : 0 ~ 11dB/1dB step, SWR : 1.5(Max. 8GHz), 1.6(Max. 12.4GHz), 1.9(Max. 18GHz), RF power consumption : Max 1W(Ave.)- 100W(Peak)	60,000	B	opt:001(N type Female connector)	7 days	B2
Test elements/su pport tool	UKK-3916	Attenuator	Agilent	8495B	Frequency range : DC ~ 18GHz, 0 ~ 70dB ( 10dB step ) , 50ΩOp.001 ( N type receipt )	46,000	B		1 month	B1
Test elements/su pport tool	UKK-6496	Step attenuator	Agilent	8495D	Manual step attenuator, DC ~ 26.5GHz, 0 ~ 70dB ( 10dB step ) , Input : 1W max., APC-3.5mm(receipt)	60,000	N	OPT:004,890	7 days	B2
Test elements/su pport tool	UKK-6310	Step attenuator	Agilent	8496A	Frequency range : DC ~ 4GHz, Attenuation range : 0 ~ 110dB ( 10dB step ) , Connector : N type, RF power consumption :Max. 1W(Ave.)/100W(Peak) SWR : Max 1.5	40,000	B	opt:001(N type Female connector) English manual	7 days	B2
Test elements/su pport tool	UKK-0992	Fixed attenuator	Agilent	8498A030	High power attenuator. Frequency range : DC ~ 18GH, 30dB, 25W(Ave)· 500W(peak, DC ~ 5.8GHz)· 125W(peak, 5.8 ~ 18GHz), N(plug)-N(receipt)	40,000	N		7 days	B2
Test elements/su pport tool	UKK-0993	Fixed attenuator	Agilent	8498A030	High power attenuator. Frequency range : DC ~ 18GH, 30dB, 25W(Ave)· 500W(peak, DC ~ 5.8GHz)· 125W(peak, 5.8 ~ 18GHz), N(plug)-N(receipt)	40,000	N		7 days	B2
Test elements/su pport tool	4TG-5213	Demodulator	Agilent	85037B	For 8757D Scalar network analyzer. Frequency range : 10MHz - 26.5GHz, Usable both detection mode of AC & DC	40,000	B		1 month	B1
Test elements/su pport tool	UKK-0308	Module	Agilent	44471D	20ch Multipurpose relay module for 3488A3499A. Each relays can be switched (Max.250V, 1A, or Max.60W or Max.125VA)	30,000	N		7 days	B3
Test elements/su pport tool	UKS-0045	Conversion Aduptor	Agilent	85130-60005	3.5mmNMD-3.5PSC ( receipt )	10,000	N		None	B3
Test elements/su pport tool	UKS-0046	Conversion Aduptor	Agilent	85130-60005	3.5mmNMD-3.5PSC ( receipt )	10,000	N		None	B3
Test elements/su pport tool	UKK-5326	RF Pre-Amp	Agilent	87405C	100MHz ~ 18GHz, 25dB, Noise index : 6dB(0.1 ~ 4GHz)/4.5dB(4 ~ 18GHz), Input return loss : 15dB(0.1 ~ 4GHz)/10dB(4 ~ 18GHz), Output return loss : 15dB(0.1 ~ 4GHz)/10dB(4 ~ 18GHz), Input impedance : :50Ω(representative figure) , Safe input power : Max +15dB	120,000	A	Op:101(Power cable)	1 month	B2
Test elements/su pport tool	UKS-0038	Conversion Cable	Agilent	E4401-60066	For ESA spectrum analyzer. 12VDC	5,000	B		None	B3
Test elements/su pport tool	UKK-4875	AC/DC Aduptor	Agilent	N9910X-873	For N991X	3,000	N		None	B3
Test elements/su pport tool	TO32-5838	Fixed attenuator	Agilent	X382A	Variable waveguide attenuator, Attenuation range : 0 ~ 50dB, DC8.2 ~ 12.4GHz, SWR : Max.1.15, Power ( CW ) : Max. 10 W	70,000	N		7 days	B2
Test elements/su pport tool	UKS-0018	Detector	ANRITSU	MA4722A	For measuring ampoule, IN : SMA-P, OUT:BNC-J	40,000	N		None	B2

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Test elements/su pport tool	UKK-6292	Filter (RF)	NF	3660A	Harmonic wave continuous variable filter Frequency range : 1MHz ~ 100MHz, 1 c h , Attenuation gradient : 48dB/oct(LPF), 12dB/oct(HPF) , Input impedance : 50Ω, Filter : LPF·HPF, Resolution : 2 digit, Pass gain : × 1. × 2. × 5. × 10. Switchover	300,000	C		1 month	B2
Test elements/su pport tool	UKK-2842	D/C amplifier	TEAC	SA16U	Frequency(MHz): DC ~ 50KHz, Output : ±10V、 Gain ( db ) : 60db	30,000	A+B		7 days	B3
Test elements/su pport tool	TO32-6252	Transient Simulator	Noise Lab	FNS105AX	Output voltage : 0 ~ 4500V, Repeating pulse frequency : Max. 100KHz	250,000	A+B		7 days	B2
Test elements/su pport tool	UKK-5865	Attenuation/oscillating wave allowance tester	Noise labo	SWCS-900-100K-B	For IEC61000-4-18 Ed1.0, Output voltage : :250 ~ 3000V, Short circuit current : 1.25 ~ 15A, Oscillating frequency : 100kHz, CND power voltage : Single/three-phase AC240V20A,DC125V20A Power supply : AC100 ~ 240V	500,000	A+B		1 month	B2
Test elements/su pport tool	TOK-1732	Z axis controller	HIROX	CT7	For Electrical moving angle stage to control electric focus block to set/operate for various purposes Size : 210×164×62 Weight : 1.3kg	10,000	A		None	B3
Test elements/su pport tool	UKK-6550	Programable attenuator	Micronics	MAT800B	Frequency range : 3.0G ~ 9.0GHz, Attenuation : Max.80dB, Step. : Min.05dB	200,000	A+B	CD-ROM,RS-232C cable	7 days	B2
Test elements/su pport tool	UKK-2158	Filter (RF)	Mini Circuit	NHP-1000	High pass filter N ( plug ) - N ( receipt ) , S T O P : 40dB and over D C ~ 550MHz, 20dB and over 550 ~ 720MHz, P A S S : 1000 ~ 3000MHz	1,500	N		None	B3
Test elements/su pport tool	UKK-2155	Filter (RF)	Mini Circuit	NHP-1000	High pass filter N ( plug ) - N ( receipt ) , S T O P : 40dB and over D C ~ 550MHz, 20dB and over 550 ~ 720MHz, P A S S : 1000 ~ 3000MHz	1,500	N		None	B3
Test elements/su pport tool	UKS-0049	Module	Line eye	OP-SB5G	For LE-3500/LE-2500 I2C, BURST, SPIextension kit, SPI : Able to use only at using LE-3500(after Version1.03), Interface : RS-232C, 3V/5V TTL	8,000	A+B	Accessory kit	None	B3
Test elements/su pport tool	UKS-0035	Impedance Convertor	EIDEN	932H-4E	75Ω/50Ω Conversion : 900 ~ 2400MHz	10,000	N		7 days	B2
Test elements/su pport tool	UKS-0036	Impedance Convertor	EIDEN	932H-4E	75Ω/50Ω Conversion : 900 ~ 2400MHz	10,000	N		7 days	B2
Test elements/su pport tool	UKK-6590	Standard Resister	YOKOGAWA	2792-04	Standrd Resister : 1Ω 4 terminals,Accuracy : ±0.005% at 20°C±1°C, Power capacity : 3W max. (in oil bath), 1W max. (in air).	30,000	N		7 days	B2
Test elements/su pport tool	Y0812	3488A Microwave switch module	Agilent	44476A	3488A3499A Microwave Swicth Module	200,000	N		7 days	R2
Test elements/su pport tool	Y0700	6 Dial Resistance Box	YOKOGAWA	2793-01	0.100 ~ 1111.210Ω, ±(0.01%+2mΩ)	138,000	B		6 months	R1
Test elements/su pport tool	Y0832	6 dial variable resister	YOKOGAWA	2793-01	0.100 ~ 1111.210Ω,±(0.01%+2mΩ)	138,000	A+B		6 months	R1
Test elements/su pport tool	UKK-6484	Standard Resister	YOKOGAWA	2794-05	Resistance value : 10Ω, Accuracy : ±0.002%, Testing accuracy : ± 0.0005%, 4 terminals	50,000	N		7 days	B2
Test elements/su pport tool	UKK-4216	Dynamic strain tester	KYOWA	DPM713B	AC inch , Gauge : 6 0 ~ 1 , 0 0 0 Ω, Frequency range : D C ~ 1 0 k H z , Output : ± 5 V , ± 1 0 m A , Filter : 1 0 , 3 0 , 1 0 0 , 3 0 0 , 1 , 0 0 0 H z , Flat autobalance	40,000	A+B	BNC cable×2	1 month	B1

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Test elements/su pport tool	KA1095	Programable Attenuator	Tamagawa Electronics	TPA155B	Frequency range : 800MHz ~ 2200MHz(800MHz band), 2200MHz ~ 3000MHz/3000MHz ~ 6000MHz(2000MHz band), Variable attenuation : 70dB(1dB step) Input : Max -3dBm	80,000	C		6 months	R2
Test elements/su pport tool	UKK-4372	Programable Attenuator	Tamagawa Electronics	TPA155B	Frequency range : 800MHz ~ 2200MHz(800MHz band), 2200MHz ~ 3000MHz/3000MHz ~ 6000MHz(2000MHz band), Variable attenuation : 70dB(1dB step) Input : Max -3dBm	160,000	B		1 month	B1
Test elements/su pport tool	KA1096	Programable Attenuator	Tamagawa Electronics	TPA155B	Frequency range : 800MHz ~ 2200MHz(800MHz band), 2200MHz ~ 3000MHz/3000MHz ~ 6000MHz(2000MHz band), Variable attenuation : 70dB(1dB step) Input : Max -3dBm	80,000	C		6 months	R2
Test elements/su pport tool	UKK-4249	Attenuator	Tamagawa Electronics	TRA-109D-BNCJ	DC ~ 1GHz, 0Ω.0.5W	30,000	N		1 month	B1
Test elements/su pport tool	UKK-3045	Fixed attenuator	Tamagawa Electronics	UFA01NPJ10	DC ~ 3GHz, 10dB, 1W, 50Ω, N (plug) - N (receipt)	10,000	N		7 days	B2
Test elements/su pport tool	UKK-3047	Fixed attenuator	Tamagawa Electronics	UFA01NPJ10	DC ~ 3GHz, 10dB, 1W, 50Ω, N (plug) - N (receipt)	10,000	N		7 days	B2
Test elements/su pport tool	UKK-3048	Fixed attenuator	Tamagawa Electronics	UFA01NPJ10	DC ~ 3GHz, 10dB, 1W, 50Ω, N (plug) - N (receipt)	10,000	N		7 days	B2
Test elements/su pport tool	UKK-5552	Fixed attenuator	Tamagawa Electronics	UFA-100NPJ-30	Frequency range : DC ~ 3GHz, Attenuation 30dB, Allowable power 100W, Impedance 50Ω, Input/output connector N-P/J	30,000	N		7 days	B2
Test elements/su pport tool	UKK-5567	Fixed attenuator	Tamagawa Electronics	UFA-100NPJ-30	Frequency range : DC ~ 3GHz, Attenuation 30dB, Allowable power 100W, Impedance 50Ω, Input/output connector N-P/J	30,000	N		7 days	B2
Test elements/su pport tool	UKK-4861	Fixed attenuator	Tamagawa Electronics	UFA20NPJ20	DC ~ 3GHz, 20dB, 20W, 50Ω, N (plug) - N (receipt)	16,000	N		7 days	B2
Test elements/su pport tool	UKK-6218	Fixed attenuator	Tamagawa Electronics	UFA-20NPJ-20	Frequency range : DC ~ 3GHz, Attenuation : 20dB, Power : 20W, Impedance : 50Ω, VSWR : 1.3, N(P) - N(J)	16,000	N		7 days	B2
Test elements/su pport tool	UKK-3771	Fixed attenuator	Tamagawa Electronics	UFA-50NPJ-30	Frequency range : DC ~ 3GHz, Attenuation : Max.30dB, Power allowance : 50W, Impedance : 50Ω, Connector : N(plug)-N(receipt)	25,000	N		7 days	B2
Test elements/su pport tool	UKK-3786	Fixed attenuator	Tamagawa Electronics	UFA-50NPJ-30	Frequency range : DC ~ 3GHz Attenuation : Max. 30dB Allowable power : 50W, Impudance : 50Ω, Connector : N(plug)-N(receipt)	25,000	N	Thermal finger twisted	7 days	B2
Test elements/su pport tool	UKK-3769	Fixed attenuator	Tamagawa Electronics	UFA-50NPJ-30	Frequency range : DC ~ 3GHz, Attenuation : Max.30dB, Power allowance : 50W, Impedance : 50Ω, Connector : N(plug)-N(receipt)	25,000	N		7 days	B2
Test elements/su pport tool	TOK-1596	Notch Filter	Tamagawa Electronics	URF222	Band rejection filter, Passing band frequency range ( MHz ) : 1 ~ 2,090, 2,190 ~ 2,500, Insertion loss : 4.0dB or below, Attenuation : 30dB or more ( at 2,110MHz ~ 2,170MHz ) , V S W R : 2.0 or below, Impedance : 50Ω ( SMA ) , 10W	2,500	N		None	B3
Test elements/su pport tool	TO32-5906	Notch Filter	Tamagawa Electronics	URF256	Band rejection filter, 2.6GHz band, Notch filter, Unnecessary or specific spurious of decreasing	3,000	N		7 days	B2
Test elements/su pport tool	TO32-5905	Notch Filter	Tamagawa Electronics	URF256	Band rejection filter, 2.6GHz band, Notch filter, Unnecessary or specific spurious of decreasing	3,000	N		7 days	B2



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Test elements/suport tool	TO32-5907	Notch Filter	Tamagawa Electronics	URF256	Band rejection filter, 2.6GHz band, Notch filter, Unnecessary or specific spurious of decreasing	3,000	N		7 days	B2
Test elements/suport tool	TO32-5909	Notch Filter	Tamagawa Electronics	URF256	Band rejection filter, 2.6GHz band, Notch filter, Unnecessary or specific spurious of decreasing	3,000	N		7 days	B2
Test elements/suport tool	TO32-5910	Notch Filter	Tamagawa Electronics	URF256	Band rejection filter, 2.6GHz band, Notch filter, Unnecessary or specific spurious of decreasing	3,000	N		7 days	B2
Test elements/suport tool	TO32-5904	Notch Filter	Tamagawa Electronics	URF256	Band rejection filter, 2.6GHz band, Notch filter, Unnecessary or specific spurious of decreasing	3,000	N		7 days	B2
Test elements/suport tool	Y0738	DC Amp	Japan Avionix	AL1101	Channel : 2/unit, Gain accuracy : $\pm 0.5\%$ ( $23^{\circ}\text{C}\pm 5^{\circ}\text{C}$ ), Gain stability : $\pm 0.05\%/^{\circ}\text{C}$ , Frequency characteristic : DC ~ 10kHz(+1,-3dB)	59,000	A+B	output cable $\times 2$ , adjusting driver $\times 1$	6 months	R1
V/A/W instruments	UKK-4965	Standard V/A generator	A D C	6243	DCV:320mV ~ 110V(10 $\mu$ V Step), DCI:32 $\mu$ A ~ 2A(10nA Step), Pulse width : Min. 1ms, GPIB	260,000	A+B		1 month	B2
V/A/W instruments	UKK-5890	Digital multi meter	A D C	ADCE7351A	5.1/2 digit 199999, DCV : 1 $\mu$ V ~ 1000V, ACV : 1 $\mu$ V ~ 700V, DCI/ACI : 1 $\mu$ A ~ 10A, Measuring resistance : 1m $\Omega$ ~ 200M $\Omega$ , Measuring frequency : 20Hz ~ 100kHz, Operation function : USB, GPIB	40,000	C		1 month	B2
V/A/W instruments	UKK-5871	Digital multi meter	A D C	ADCE7351A	5.1/2 digit 199999, DCV : 1 $\mu$ V ~ 1000V, ACV : 1 $\mu$ V ~ 700V, DCI/ACI : 1 $\mu$ A ~ 10A, Measuring resistance : 1m $\Omega$ ~ 200M $\Omega$ , Measuring frequency : 20Hz ~ 100kHz, Operation function : USB, GPIB	40,000	C		1 month	B2
V/A/W instruments	UKK-5876	Digital multi meter	A D C	ADCE7351A	5.1/2 digit 199999, DCV : 1 $\mu$ V ~ 1000V, ACV : 1 $\mu$ V ~ 700V, DCI/ACI : 1 $\mu$ A ~ 10A, Measuring resistance : 1m $\Omega$ ~ 200M $\Omega$ , Measuring frequency : 20Hz ~ 100kHz, Operation function : USB, GPIB	40,000	C		1 month	B2
V/A/W instruments	UKK-3480	Digital multi meter	Agilent	3457A	6.1/2 digit 3030000, D C V / I , A C / D C A C V / I ( True RMS measurement ), 2W/4W $\Omega$ , H z , Operation function	80,000	C		1 month	B2
V/A/W instruments	UKK-4315	Digital multi meter	Agilent	3458A	8.1/2 digit, Max. 100,000/second(at 4. 1/2 digit), Max.input : 1000V, Resolution : DCV10nV, OHM10 $\mu$ $\Omega$ , Measurement mode : DCV, OHM, DCI, ACV, ACI, Cycle, Frequency, Voltage ratio digitizing mode(with HP-IB)	400,000	C		1 month	B2
V/A/W instruments	Y0748	V-A Calibrator	ADVANTES T	R6161	Voltage range : 0 ~ $\pm 1199.999\text{V}$ , Current range : 0 ~ $\pm 119.9999\text{mA}$ , Output : Voltage; Max. 1200V, Current; Max.120mA	229,000	A+B	01(changed the max. tracking voltage of 1mA,10mA range to 1200V )	6 months	R1
V/A/W instruments	UKK-5919	Standard V/A generator calibrator	ADVANTES T	R6243	Max. output Current : ~ $\pm 32\text{V}$ $\pm 2\text{A}$ , ~ $\pm 64\text{V}$ $\pm 1\text{A}$ , ~ $\pm 110\text{V}$ $\pm 0.5\text{A}$ , Voltage measuring range : 320mV ~ 110V, Current measuring range : 32 $\mu$ A ~ 2A	260,000	A+B		1 month	B2
V/A/W instruments	UKK-6138	Digital multi meter	ADVANTES T	R6441C	Max. indication : 19999, DCV : 20mV ~ 1000V(6 range), ACV : 200mV ~ 700V(5 range), DCI : 2 $\mu$ A ~ 5A( 8 range), ACI : 200 $\mu$ A ~ 5A(6 range), Measuring : Resistance · In circuit resistance · Continuity · Diode, Operation function	35,000	C	Handle missing	1 month	B2
V/A/W instruments	UKK-6603	Standard Voltage/Current Generator	ADVANTES T	TR6143	Voltage generation/Current measurement : Voltage generation range : 320mV ~ 110V, Current measurement range : 32 $\mu$ A ~ 2A, Current generation/Voltage measurement : Current generation range : 32 $\mu$ A ~ 2A, Voltage measurement range : 320mV ~ 110V	120,000	C		1 month	B2
V/A/W instruments	Y0831	Current meter	ADC	8340A	Measuring current range : 10 f A ~ 19.999m A , Measuring resistance range : 10 $\Omega$ ~ 30 P $\Omega$ ( $3 \times 10^4 \sim 16$ )	162,000	A+B		6 months	R1
V/A/W instruments	UKK-5654	Relay Tester	NF	AS-288	V3 $\phi$ - I3 $\phi$ , Output frequency : 1.00Hz ~ 500.00Hz, Three-phase voltage : 0 ~ 220Vrms, Current output : 0 ~ 9.995Arms(20 ~ 500Hz)/0 ~ 2.000Arms(1 ~ 20Hz) AC100V/48 ~ 62Hz, Power input : Approx 900VA, GP-IB	1,200,000	A+B		1 month	B2

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V/A/W instruments	UKK-6569	Standard Output tester	ANDO	AD-4030	AD-4530(DC & 20Hz ~ 2MHz, 75Ω balance ), AD-4533(DC & 20Hz ~ 500kHz, 600Ωbalance), AD-4732(DC & 20Hz ~ 30MHz, 75ΩUnbalance). Measuring range : -1 ~ +11dBm or 0.79 ~ 12.6mW	60,000	C	AD-4530/AD-4533/AD-4732	1 month	B2
V/A/W instruments	UKS-0079	Handy power meter	YOKOGAWA M&C	2041-03	Rank : 0.5 class, Frequency characteristic : DC,25 ~ 1000Hz, Rated voltage : 120/240V, Rated current : 1/5A	30,000	A	case	7 days	B2
V/A/W instruments	Y0774	Digital Power meter	YOKOGAWA	7601-01	Voltage/current input by each 6 voltage/ current input, Mesuring range : 1.5 ~ 1000V · 1 ~ 50A, Frequency characteristic : DC · 0.5 ~ 1MHz	1,000,000	A+B	758917×6,758929×6	6 months	R1
V/A/W instruments	Y0762	Digital Power meter	YOKOGAWA	7601-01	Measuring range : 1.5 ~ 1000V · 10m ~ 5A, Frequency characteristic : DC,0.5 ~ 1MHz,Op.60(5A×6 input elements), C1(GPIB), B5(built-in printer), MTR(Motor evaluation function ), DA(30chDA output), C10(Ethernet, 10GBHDD SCSI Interface)	800,000	A+B	-60-C1-M/B5/C10/DA/MTR, 758917×6,758929×6	6 months	R1
V/A/W instruments	UKK-6219	Current Sensor	YOKOGAWA	CT60	AC/DC, Current : 60Apeak, Measuring range : DC ~ 800kHz, Power for single phase(TD-1000)	60,000	A+B	OPT:TD-1000(s/n33180-	7 days	B2
V/A/W instruments	UKK-6220	Current Sensor	YOKOGAWA	CT60	AC/DC, Current : 60Apeak, Measuring range : DC ~ 800kHz, Power for single phase(TD-1000)	60,000	A+B	OPT:TD-1000(s/n33180-	7 days	B2
V/A/W instruments	TK21-1282	Clamp-on power tester	YOKOGAWA	253311	30 ~ 600V6 range, 0.5 ~ 20A6 range, 10Hz ~ 20kHz, Voltage, Current, Display measurements of Effective power, Apparent power, Reactive power etc at the same time. RS-232C, GPIB	90,000	C		1 month	B1
V/A/W instruments	UKK-4856	Clamp-on sensor	YOKOGAWA	751552	0.001Arms ~ 1000Arms, Max.1400Apk(AC), 30Hz ~ 5kHz(±2%), Accuracy : ±0.3%ofrdq, Phase error : 0.7deg(50/60Hz), Current output : 1mA/A	20,000	A+B	758917,758921	7 days	B2
V/A/W instruments	UKK-0963	Power meter	YOKOGAWA	2533-21	V,I,W,VA,Var,single phase,10Hz ~ 20kHz, Digital single phase power meter 30V ~ 600V 0.5A ~ 20A 15W ~ 12kW	90,000	C		1 month	B1
V/A/W instruments	UKK-0587	V-A Calibrator	YOKOGAWA	2552/2561	2552(DC standard voltage calibrator) : Max.±1200V, Resolution1μV(1000mV range), 2561(current unit) : 7 range of 100uA ~ 30A	500,000	C	connection cable	1 month	B2
V/A/W instruments	TR2870	V-A Calibrator	YOKOGAWA	255701(CA100)	Generating function : DCV, DCA, Resistance, Thermo-couple, RTD, Frequency/pulse signal, Measuring function : DCV,DCA	54,000	A+B		7 days	R2
V/A/W instruments	TR2896	Standard V/A generator	YOKOGAWA	CA100(255701)	Generating function : DCV, DCA, Resistance, Thermo-couple, RTD, Frequency/Pulse signal, Mesurement function : DCV, DCA	55,000	A+B	RJ sensor, AC adapter, Ni-Cd battery	7 days	R2
V/A/W instruments	UKK-3486	Digital Power meter	YOKOGAWA	WT1030	WT1030, Three-phase 3 eires, Measuring range : 1000V/20A ( DC & 0.5Hz ~ 300kHz )	150,000	C	op:GPIB, inside printer	7 days	B2
V/A/W instruments	UKK-6225	Digital Power meter	KYOURITU	6305	Measurement line : Single phase 2 lines style (1 ~ 3 system), Single phase 3 lines style, Three phase 3 lines style(3P3W, 3P3W3A), Three phase 4 lines style. Measuring items : Voltage, Current, Frequency, Effective Power. Voltage range : 150,300,600V. Current range : by each sensor, Frequency display range : 40 ~ 70Hz	70,000	A+B	8128×3, 7255, SD Card (2G), USB Cable, CD-ROM	1 month	B2
V/A/W instruments	UKK-6413	Clamp-on power high tester	HIOKI	3168	Measurement line : Single phase 2 line, Single phase 3 line, Three-phase 3 line, Measuring items : Voltage, Current, Effective power, Effective electric energy, Power factor, Measuring range : Voltage/200V(90V ~ 240V), Current/by each clamp sensor	45,000	A+B		1 month	B2
V/A/W instruments	4TG-6923	Clamp-on power tester	HIOKI	3193	Current clamp input type, Measuring voltage range : 6V ~ 600V, Measuring current range : depending on clamps, D D, G P I B / R S 2 3 2 C, O n 9602 ( AC/DC clamp input unit )	250,000	B	9600×2,9605×1	1 month	B1
V/A/W instruments	TOK-2701	Harmonic Tester	HIOKI	3194	Measuring line : Single phase 2 wires, Single phase 3 wires, Three-phase 3 wires, Three-phase 4 wires, A C / D C clamp input × 3, Usable clamp senso ( A C / D C : 9 2 7 7 , 9 2 7 8 , 9 2 7 9 , A C : 9 2 7 0 , 9 2 7 1 , 9 2 7 2 ) , G P I B / R S 2 3 2 C	200,000	B		1 month	B1
V/A/W instruments	THC-366	Clamp-on Hi-tester	HIOKI	3290	A C V / I ( 1 0 H z ~ 1 K H z ) , D C V , f , Measuring range : 2 0 A ~ 2 0 0 0	20,000	A+B		1 month	B1
V/A/W instruments	TR2879	Clamp-on Hi-tester	HIOKI	3290	Measuring system : DC, AC+DC(True RMS value), AC(True RMS value/Ave.) by DCI clamp sensor, ACI(45 ~ 66Hz) by clamp sensor, Frequency : 1.00Hz ~ 1000Hz	22,000	A+B	output cable(9094), AC adapter, case, No battery	7 days	R2
V/A/W instruments	THC-362	Clamp-on Hi-tester	HIOKI	3290	A C V / I ( 1 0 H z ~ 1 K H z ) , D C V , f , Measuring range : 2 0 A ~ 2 0 0 0	20,000	A+B		1 month	B1

Category	Product CD	Product name	Mnufacture	Model	Specification	Selling price (Net JPY)	Accessory (*1)	Option	Warranty period(*2)	Rank code(*3)
V/A/W instruments	THC-367	Clamp-on Hi-tester	HIOKI	3290	AC V/I ( 10Hz ~ 1kHz ), DCV, f, Measuring range : 20A ~ 2000	20,000	A+B		1 month	B1
V/A/W instruments	TR2878	Clamp-on Hi-tester	HIOKI	3290	Measuring system : DC, AC+DC(True RMS value), AC(True RMS value/Ave.) by DCI clamp sensor, ACI(45 ~ 66Hz) by clamp sensor, Frequency : 100Hz ~ 1000Hz	22,000	A+B		7 days	R2
V/A/W instruments	TOK-2011	Clamp-on Hi-tester	HIOKI	3290	AC V/I ( 10Hz ~ 1kHz ), DCV, f, Measuring range : 20A ~ 2000	20,000	A+B		1 month	B2
V/A/W instruments	THC-365	Clamp-on Hi-tester	HIOKI	3290	AC V/I ( 10Hz ~ 1kHz ), DCV, f, Measuring range : 20A ~ 2000	20,000	A+B		1 month	B1
V/A/W instruments	THC-364	Clamp-on Hi-tester	HIOKI	3290	AC V/I ( 10Hz ~ 1kHz ), DCV, f, Measuring range : 20A ~ 2000	20,000	A+B		1 month	B1
V/A/W instruments	TOK-2010	Clamp-on Hi-tester	HIOKI	3290	AC V/I ( 10Hz ~ 1kHz ), DCV, f, Measuring range : 20A ~ 2000	20,000	A+B		1 month	B2
V/A/W instruments	TR2829	Clamp-on Hi-tester	HIOKI	3290	AC V/I ( 10Hz ~ 1kHz ), DCV, f, Measuring range : 20A ~ 2000	22,000	A+B	9094(output cable)、case	7 days	R2
V/A/W instruments	UKK-4295	Power Analyzer	HIOKI	3390	Voltage : 15 ~ 1500V, 7range, Current : 400mA ~ 500A( Range changeable by each rating sensor of 20A/50A/200A/500A), Power : 6.0000W ~ 2.2500MW(depending on connection, combination of voltage/current), Frequency : 0.5Hz ~ 5kHz	400,000	A+B	9438-70×4,CFcard1GB	1 month	B1
V/A/W instruments	UKK-4297	Power analyzer	HIOKI	3390	Voltage : 15 ~ 1500V, 7 range. Current : 400mA ~ 500A(Range component to be changed by each sensor of 20A/50A/200A/500A rating), Power : 6.0000W ~ 2.2500MW(To be changed by connection setting and combination of voltage/current range). Frequency : 0.5Hz ~ 5kHz	400,000	A+B	opt:9430-70×4,9729,9793	1 month	B2
V/A/W instruments	UKK-4833	Clamp-on sensor	HIOKI	9279	DC ~ 20kHz, AC/DC500A, φ40mm	20,000	A+B	case	7 days	B2
V/A/W instruments	UKK-4832	Clamp-on sensor	HIOKI	9279	DC ~ 20kHz, AC/DC500A, φ40mm	20,000	A+B	case	7 days	B2
V/A/W instruments	TR2858	Clamp-on sensor	HIOKI	9692	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	4,000	B		7 days	R2
V/A/W instruments	TR2856	Clamp-on sensor	HIOKI	9692	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	4,000	B		7 days	R2
V/A/W instruments	TOK-2033	Clamp-on sensor	HIOKI	9693	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	10,000	B		7 days	B2
V/A/W instruments	TOK-2311	Clamp-on sensor	HIOKI	9693	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	10,000	B		7 days	B2
V/A/W instruments	TOK-2034	Clamp-on sensor	HIOKI	9693	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	10,000	B		7 days	B2
V/A/W instruments	TOK-1230	Clamp-on sensor	HIOKI	9693	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	10,000	B		7 days	B2
V/A/W instruments	TOK-2032	Clamp-on sensor	HIOKI	9693	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	10,000	B		7 days	B2
V/A/W instruments	TOK-2030	Clamp-on sensor	HIOKI	9693	Clamp-on AC/DC CT for high tester 3290、200A, DC ~ 10kHz, φ3.3mm. Code : 2m	10,000	B		7 days	B2
V/A/W instruments	TR2591	Clamp Tester	HIOKI	3109-01	DCI·ACI(20~500Hz)·DCV·ACV·TrRMS, 100~2000A·10~500V range. Output : 1V/f.S.	18,000	A+B		7 days	R2
V/A/W instruments	TR2872	Clamp Tester	HIOKI	3109-01	DC·AC range : 100, 250, 500, 1000, (2500)A* Max. 2000A, DC·AC voltage range : 10, 25, 50, 250, 500V, Frequency characteristic : Error within ±1% from 50/60Hz for 20 ~ 500Hz DC and AC, Clamp (9001) caliber : Max. 30mm. Clamp (9002) caliber : Max. 46mm	13,500	A+B	Alligator clip, banana—alligator cable	7 days	R2
V/A/W instruments	UKK-3454	Standard Divider	Japan Finechem	DVI-10S	Rating voltage : DC±10kV, Accuracy : ±0.2%	20,000	N		7 days	B2

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Power Electronics	UKK-6448	DC V-A Regulator	Agilent	6030A	Output voltage : 0 ~ 200V, Output current : 0 ~ 17A, Power : Max. 1200W, Auto range output : 200V/5A, 120V/10A, 60V/17A, Display : Digital I/F:GP-IB	150,000	A+B	OPT:100, CD-ROM, felite kit×3,terminal block	1 month	B2
Power Electronics	UKK-6086	DC V-A Regulator	Agilent	6033A	Output voltage : 0 ~ 20V, Output current : 0 ~ 30A, Power : Max.240W, Display : Digital, I/F : GP-IB	80,000	A+B	English manual	1 month	B2
Power Electronics	UKK-6087	DC V-A Regulator	Agilent	6033A	Output voltage : 0 ~ 20V, Output current : 0 ~ 30A, Power : Max.240W, Display : Digital, I/F : GP-IB	80,000	A+B	English manual	1 month	B2
Power Electronics	UKK-6089	DC V-A Regulator	Agilent	6622A	DC system power supply, 2ch output, 80W, 0 ~ 20 V, 0 ~ 4 A / 0 ~ 50 V, 0 ~ 2 A	80,000	A	CD-ROM	1 month	B2
Power Electronics	UKK-6088	DC V-A Regulator	Agilent	6622A	DC system power supply, 2ch output, 80W, 0 ~ 20 V, 0 ~ 4 A / 0 ~ 50 V, 0 ~ 2 A	80,000	A	CD-ROM	1 month	B2
Power Electronics	UKK-5673	DC V-A Regulator	Agilent	6623A	System power supply, 3ch output, Output structure : 40W output(Low range 7V/5A, High range 20V/2A), 40W output(Low range 20V/2A, High range 50V/0.8A), 80W output(Low range 7V/10A, High range 50V/2A), Ripple noise, Constant voltage : rms500uV, Peak : two	80,000	C	loss of one foot	1 month	B2
Power Electronics	UKK-5674	DC V-A Regulator	Agilent	6624A	Output 2ch, 40W, output(Low range 0 ~ 7V/0 ~ 5A, 0 ~ 20V/0 ~ 2A, High range 0 ~ 20V/0 ~ 2A, 0 ~ 50V/0 ~ 0.8A)	80,000	C		1 month	B2
Power Electronics	TM365	DC V-A Regulator	Agilent	6625A	DC system power supply, Input : 100VAC, Multiple output : 25/50W×2、7V/15mA or 16V/200mA	120,000	C		7 days	R2
Power Electronics	TO32-5899	Lithium-ion Battery Test equipment	NF	AS-510-LB4	4A model, Voltage setting range : -5V ~ +5V ( ±4A ), Current setting range : ±400mA ( -5V ~ +5V ) / ±4A(-5V ~ +5V), Measuring frequency : 0.1mHz ~ 100kHz	400,000	A+B		1 month	B1
Power Electronics	UKK-5847	Electronic load Booster	NF	AS-514	For AS-513, Possible to connect 4 boosters max. for 1 Master. Input Power : :2kVA, Power : AC90 ~ 132,180 ~ 250V * Connection of master /slave and booster is only for the same hardware version	300,000	A+B	OPT: 02, Booster control cable	7 days	B3
Power Electronics	UKK-5664	Electronic Load	Chroma	6312A/63102A	63102A:0 ~ 20A, 0 ~ 80V, 100W×2ch	100,000	C	banana plug	1 month	B2
Power Electronics	UKK-5846	DC V-A Regulator	Sorensen	SGI330X15C-2AAB-5M	Capacity : 5kW, Output voltage : 330V, Output current : 15A, Series connection : 2 (Minus range : 300V or under), Parallel connection : 5 (with same voltage model 5 pcs), Sequence function : Max. 20 steps, 50 pieces, I/F:GP-IB/RS-232C, Input voltage	200,000	A+B		1 month	B3
Power Electronics	TKW-0567	DC V-A Regulator	TEXIO	PAR36-3HL	Display : Digit, Dropper system, 0 ~ 36V/0 ~ 3A	100,000	A+B		1 month	B1
Power Electronics	UKK-5814	DC V-A Regulator	TEXIO	PD36-20AD	Output voltage/current : 0 ~ 36V/0 ~ 20A, Overvoltage/overcurrent protection, Input voltage : AC100 ~ 240V	70,000	A+B		1 month	B2
Power Electronics	UKK-6335	Electroric loader	TEXIO	PEL151-201	Loading input voltage : DC1.5 ~ 200V, Current : DC0 ~ 30A, Loss power : 150W, Sequence control function, GP-IB	120,000	C		7 days	B2
Power Electronics	UKK-4374	DC V-A Regulator	TEXIO	PS10-35	Output voltage : 0 ~ 10V, Output current : 0 ~ 35A	40,000	A+B	control connector, connector cover	1 month	B1
Power Electronics	UKK-2085	DC V-A Regulator	TEXIO	PSR10-70	Switching system, 0V-10V, 0A-70A	26,000	C		7 days	B2
Power Electronics	UKK-6268	DC V-A Regulator	TEXIO	PU80-9.5	Output : 0 ~ 80V,0 ~ 9.5A, I/F:RS-232C, RS-485, Serial-parallel drive : Max. 2 at the same rating (series), Max. 4 at the same rating (parallel), Input voltage : 85 ~ 265VAC	60,000	A+B		7 days	B2
Power Electronics	UKK-3722	Electric Load	TEXIO	PXL151A	Operating voltage : 0.3V ~ 30V, Input current : Max.150A, Input power : 300W	200,000	A+B	controle connector×3	1 month	B1
Power Electronics	TOK-2663	Vibrating wave test equipment	Noise Lab	SWCS934	1MHz, 1000 ~ 3000V, 400Hz, 1 ~ 10sec	180,000	A+B		7 days	B2
Power Electronics	UKK-6637	Voltage Regulator	Musashi Intech Corp.	5KVASD	IP-R5000 type. 5kVA Voltage regulator for testing of withstanding voltage by R-1250 type. (no single use.) Input voltage : AC100V Single phase50/60Hz, Output voltage : AC0 ~ 130V, 10 minutes Rating capacitance : 5kVA, Weight : approx. 26kg	40,000	N		7 days	B3

Category	Product CD	Product name	Mnufacture	Model	Specification	Selling price (Net JPY)	Accessory (*1)	Option	Warranty period(*2)	Rank code(*3)
Power Electronics	TOK-0948	Three phase controller	KIKUSUI	3P02PCR-L	Contoroller (board) for PCR-L series	18,000	B		None	B3
Power Electronics	TO32-2875	Three phase controller	KIKUSUI	3P02PCR-L	Contoroller (board) for PCR-L series	10,000	A+B		None	B3
Power Electronics	TS13-1006	Three phase driver	KIKUSUI	3P02PCR-L	Contoroller (board) for AC power PCR-L/LT series	18,000	B		7 days	B2
Power Electronics	THC-003	Three phase driver	KIKUSUI	3P02-PCR-L	For AC power supply PCR-L/LT series	30,000	A+B		7 days	B3
Power Electronics	UKK-6609	DC V-A Regulator	KIKUSUI	PAD36-100LA	CV : 0 ~ 36V, CC : 0 ~ 100A, Type IV, Weight : approx. 96kg, Input voltage : 200V, Power : 7.1kVA	400,000	A+B		1 month	B2
Power Electronics	UKK-6610	DC V-A Regulator	KIKUSUI	PAN110-5A	CV : 0 ~ 110V, CC : 0 ~ 5A, Type I3, Weight : approx.22kg, Input voltage : 100V, Power : approx. 1kVA	70,000	A+B		1 month	B2
Power Electronics	UKK-6611	DC V-A Regulator	KIKUSUI	PAN110-5A	CV : 0 ~ 110V, CC : 0 ~ 5A, Type I3, Weight : approx.22kg, Input voltage : 100V, Power : approx. 1kVA	70,000	A+B		1 month	B2
Power Electronics	UKK-4910	DC V-A Regulator	KIKUSUI	PAN160-7A	Display : Digital, 0 ~ 160V, 0 ~ 7A, Input : AC100V single phase *Attached power cable : 3 wires-3 open (unable to connect with home use socket)	140,000	A+B	connector cover	1 month	B2
Power Electronics	UKK-4909	DC V-A Regulator	KIKUSUI	PAN160-7A	Display : Digital, 0 ~ 160V, 0 ~ 7A, Input : AC100V single phase *Attached power cable : 3 wires-3 open (unable to connect with home use socket)	140,000	A+B	connector cover	1 month	B2
Power Electronics	UKK-6116	DC V-A Regulator	KIKUSUI	PAN16-30A	Display : Digital, Regulated series system , 700W tycle, 0 ~ 16V, 0 ~ 30A, Input :	70,000	A+B		1 month	B2
Power Electronics	UKK-6612	DC V-A Regulator	KIKUSUI	PAN60-10A	Dropper system, Digital display, Output voltage/current : 0 ~ 60V/0 ~ 10A, AC input : 100V, Constant current, Ripple, Noise : 0.5mV or below, Load fluctuation : 0.005%+1mV or below, Remote operation, Size : 235W×160H×505Dmm, Weight : approx. 22kg	60,000	A+B		1 month	B2
Power Electronics	UKK-4826	DC V-A Regulator	KIKUSUI	PAS10-35	Display : Digital, 0 ~ 10V, 0 ~ 35A, Input : AC100 ~ 240V, 47 ~ 63Hz	50,000	A+B	TP-BUS connector, connector cover, screw(M4 M8) 2 pcs	1 month	B2
Power Electronics	UKK-4827	DC V-A Regulator	KIKUSUI	PAS10-35	Display : Digital, 0 ~ 10V, 0 ~ 35A, Input : AC100 ~ 240V, 47 ~ 63Hz	50,000	A+B	TP-BUS connector, connector cover, screw(M4 M8) 2 pcs	1 month	B2
Power Electronics	UKK-6118	DC V-A Regulator	KIKUSUI	PAS160-4	Display : Digital , Output voltage : 0 ~ 160V, Output current : 0 ~ 4A, Input voltage : Single phase 85 ~ 250V	100,000	A+B		1 month	B2
Power Electronics	UKK-5979	DC V-A Regulator	KIKUSUI	PAS40-9	Switching system, 0 ~ 40V, 0 ~ 9A, Input : AC100 ~ 240V, 47 ~ 63Hz, Display : Digital, with Over voltage · Over current · Overheating protector	40,000	C		1 month	B2
Power Electronics	UKK-4905	DC V-A Regulator	KIKUSUI	PAS60-18	Display : Digital, 0 ~ 60V, 0 ~ 18A, Input : AC100 ~ 240V, 47 ~ 63Hz	120,000	A+B	TP-BUS connector, connector cover, screw(M4 M8)	1 month	B2
Power Electronics	UKK-4908	DC V-A Regulator	KIKUSUI	PAS60-18	Display : Digital, 0 ~ 60V, 0 ~ 18A, Input : AC100 ~ 240V, 47 ~ 63Hz	120,000	A+B	TP-BUS connector, connector cover, screw(M4 M8)	1 month	B2
Power Electronics	UKK-5862	DC V-A Regulator	KIKUSUI	PAT160-50T	Power rating : 8kW, Output voltage : 0 ~ 160V, Output current : 0 ~ 50A, Input voltage : AC200 ~ 240V(Three phase) I/F : RS232C	450,000	C		1 month	B2
Power Electronics	UKK-6045	DC V-A Regulator	KIKUSUI	PAT650-12.3T	Retaed Voltage : 0V ~ 650V, Rated Current : 0A ~ 12.3A	450,000	A+B	power cable	7 days	B2
Power Electronics	UKK-1933	Bipolar Power supply	KIKUSUI	PBX20-10	0 ~ ±20V, 0 ~ ±10A, Input voltage : 100V, High speed sequence, Measurment display, Power boodter, Analog/remote contorol, Protection, Low ripple Low noise Size/weight : 450W×147H×610D(mm) / 30kg	220,000	C		1 month	B2
Power Electronics	TK29-0699	DC V-A Regulator	KIKUSUI	PCR2000	Output voltage/capacity : 1 ~ 140V, 2 ~ 280V (Output : 100V/200V range)/2KVA, 5 ~ 500Hz, Input : 100V/200V	250,000	C		1 month	B1

Category	Product CD	Product name	Mnufacture	Model	Specification	Selling price (Net JPY)	Accessory (*1)	Option	Warranty period(*2)	Rank code(*3)
Power Electronics	TO32-6097	DC V-A Regulator	KIKUSUI	PCR2000LA	Output voltage/capacity : Single phase 1 ~ 150V/2 ~ 300V(Output 100V/200V range)/2KVA, 1 ~ 999.9Hz, Input rating : Single phase 85 ~ 132V 48A/170 ~ 250V 24A, * No connecting with PCR2000L.. Input : 100V/200V range selecting by switch	580,000	B		1 month	B1
Power Electronics	TO32-6096	DC V-A Regulator	KIKUSUI	PCR2000LA	Output voltage/capacity : Single phase 1 ~ 150V/2 ~ 300V(Output 100V/200V range)/2KVA, 1 ~ 999.9Hz, Input rating : Single phase 85 ~ 132V 48A/170 ~ 250V 24A, * No connecting with PCR2000L.. Input : 100V/200V range selecting by switch	580,000	B		1 month	B1
Power Electronics	UKK-5824	AC Electric Load	KIKUSUI	PCZ1000A	1000W,140/280V ( rms ) ,0A/10A(rms),45Hz ~ 65Hz	320,000	B	power cable	1 month	B2
Power Electronics	THC-144	Parallel operating driver	KIKUSUI	PD02S-PCRL	For PCRXXXXL (Slave)	20,000	A+B		7 days	B3
Power Electronics	TK19-0118	Parallel operating driver	KIKUSUI	PD03M-PCR-LA	For P C R - L A series ( Master )	12,000	B		7 days	B3
Power Electronics	TK19-0120	Parallel operating driver	KIKUSUI	PD03S-PCR-L	For PCR2000L(Slave)	12,000	A+B		7 days	B3
Power Electronics	TK19-0119	Parallel operating driver	KIKUSUI	PD03S-PCR-L	For PCR2000L(Slave)	12,000	A+B		7 days	B3
Power Electronics	TOK-2245	Electric Load	KIKUSUI	PLZ1003WH	Operating voltage : DC5 ~ 500V, Input current : Max. DC50A, Input power : Max. 1000W, Operating mode : Constant current	350,000	A+B		1 month	B1
Power Electronics	UKK-4380	Electric Load	KIKUSUI	PLZ1004W	Multi function electric load device ; Operating voltage : DC1.5 ~ 150V, Input current : Max. DC200A, Input power : Max. 1000W, Constant current mode : DC0 ~ 200A, Constant resistance mode : 7.5m ~ 41.25KΩ, Constant voltage mode : 1.5 ~ 150V, Constant power mod	300,000	A+B	screw* x2, connector cover	1 month	B1
Power Electronics	UKK-5760	Electric loader	KIKUSUI	PLZ152W	Load input : input voltage ( DC4 ~ 110V), input current(0 ~ 30A), Allowable power(150W), Constant current : 0 ~ 3/0 ~ 30A, Constant resistance mode : 0.1 ~ 10	60,000	C		1 month	B2
Power Electronics	UKK-5829	Electric Load	KIKUSUI	PLZ5004WH SR	PLZ-4W SR series (Big capacitance model, assembled PLZ1004WH & booster with exclusive rack parts PLZ1004WH Operating voltage : 5 ~ 650V, Current : 250A, Power : 5kW, Input voltage : AC100 ~ 240V(Single phase)	1,000,000	A+B		1 month	B2
Power Electronics	UKK-5964	DC V-A Regulator	KIKUSUI	PMC110-0.6A	Transformer system, Display : Digital ( volatge and current at the same time), Input : AC100V, Output voltage/current 0 ~ 110V/0 ~ 0.6A, Adjustment of constant current, Remote operating, Ripple, Noise : 2mV or below, Load fluctuation : 7mV or below	28,000	C		1 month	B2
Power Electronics	Y0753	DC V-A Regulator	KIKUSUI	PMC18-5A	Display : Digital(Indicating voltage & current at the same time), Input voltage : AC100V, Output voltage/current : 0 ~ 18V/0 ~ 5A, Constant current regulating, Remote control, Ripple, Noise : 0.5mV or under, Load fluctuation : 5mV or under	27,000	A+B	control connector	6 months	R1
Power Electronics	UKK-6296	DC V-A Regulator	KIKUSUI	PMM18-2.5DU	Display : Digital, Dropper system, 2ch output power, Output 1 : 0 ~ +18V/+2.5A, Output 2 : 0 ~ -18V/-2.5A	35,000	B	power cable	1 month	B2
Power Electronics	UKK-4131	DC V-A Regulator	KIKUSUI	PMM25-1TR	Display : Digital, Dual tracking control, Output : 0 ~ ±25V/0 ~ ±1A, Current limit : (±)1.05A, Ripple : 0.5mV or under, Load fluctuation : 2mV or under, Output : 0 ~ 6V/0 ~ 5A, Current limit : 5.25A, Ripple : 0.5mV or under, Load fluctuation : 5mV or under	40,000	C		1 month	B2
Power Electronics	TR2463	DC V-A Regulator	KIKUSUI	PVD600-10T	Display : Digital(Indicating voltage & current at the same time), Big capacitance variable switching spower Input volatge : 3 phase 200V system ( AC:190 ~ 242V /47 ~ 63Hz ) , Output voltage/current : 0 ~ 600V/0 ~ 10A, Power : 6000W, Load fluctuation : 155mV or under	467,000	B		6 months	R1
Power Electronics	UKK-3713	DC V-A Regulator	KIKUSUI	PVS300-9	Display : Digital, Output : 0 ~ 300V, 0 ~ 9A, Input : AC190 ~ 264V single phase, Overvoltage/overcurrent protection, Remote sensing function	160,000	B		1 month	B1



Category	Product CD	Product name	Mnufacture	Model	Specification	Selling price (Net JPY)	Accessory (*1)	Option	Warranty period(*2)	Rank code(*3)
Power Electronics	UKK-6330	Dielectric Test equipment	KIKUSUI	TOS5101	AC/DC dielectric voltage test equipment, Display : Analog/digital, 0 ~ 5kV/0 ~ 10kV, AC:500VA, DC:50W, Leakage current : Max AC0.1 ~ 55mA/DC0.1 ~ 5.5mA, Min.AC0.1 ~ 55mA/DC0.1 ~ 5.5mA, Size : 435W×195H×450Dmm, Weight : Approx 21kg	220,000	A+B		1 month	B1
Power Electronics	4TG-5400	Low resistance tester (Earth continuity tester)	KIKUSUI	TOS6200	Testing current : AC3.0A ~ 30.0A, Output current : AC 0.0 ~ 33.0A, Output voltage : AC 0.00 ~ 6.00V, Resistance : 0.001 ~ 1.200Ω, Power : Max.150VA, Test-time setting range : 0.3 ~ 999S, Memory function : 100 waves, Judging result function, GP-IB, RS-232C	120,000	A+B		1 month	B1
Power Electronics	UKK-3970	Dielectric and insulation tester	KIKUSUI	TOS9000	Automatic dielectric strength test equipment, Dielectric voltage : AC0.2 ~ 5KV(output 200VA), Insulation : DC50 ~ 1000V, Measuring range : 1 ~ 9999MΩ, Size : 430W×214H×370Dmm, Weight : Approx 29kg	140,000	C		1 month	B1
Power Electronics	UKK-4819	Dielectric and insulation tester	KIKUSUI	TOS9213S	DC Dielectric voltage test : DC0.05kV ~ 10.0kV, Rated current : Max. 5mA, Insulation resistance testing voltage : DC-25V ~ -1000V/0.01MΩ ~ 9.99GΩ (Range 1mA ~ 50nA)	300,000	A+B	TL01-TOSTL03-TOS, junper	1 month	B1
Power Electronics	UKK-5832	Dielectric Test equipment	Keisoku-Giken	7470/763	Ultra-high voltage AC dielectric test equipment Output capacitance : 10kVAC/20mA, Output wave form : Sinusoida wave, THD, <2%(Resistance load) Crest factor =1.3-1.5	200,000	A+B	Opt.763 : USB & RS232C	1 month	B2
Power Electronics	UKK-4311	AC V-A Regulator	Keisoku-Giken	EAB-160	At 0-150 : 55.2A, At 0-300V : 27.6A, 40-1000Hz, 6kVA	700,000	A	USB cable, master—slave cable, device	1 month	B1
Power Electronics	UKK-5830	Electric Load	Keisoku-Giken	LN-1000C-G6	Rated load : 500V, 36A, 1kW, Load mode : Rated current, Rated resistance, Rated voltage, Rated power, Eeternal control, Dynamic, short, Sequence, Sweep	220,000	A+B	LX-OP01(GP-IB/DIDO)	1 month	B2
Power Electronics	UKK-5858	Electric Load	Keisoku-Giken	LN-1000C-G7	Power : 1kW, Voltage : 0 ~ 500V, Current : 0 ~ 36A, Booster connection : Max. 10kW, Upto 10 device(Required opLX-OP03:Master/slave connecting cable, I/F:USB, GP-IB(opLX-OP01), Power : AC85 ~ 264V opLX-OP01: GP-IB/DIDO interface	250,000	A+B	LX-OP01 : GPIB/DIDO	1 month	B2
Power Electronics	UKK-5811	Ripple Noisemeter	Keisoku-Giken	RM-103	DC voltage measuring range : ±6.0000V(0.1mV) / ±60.000V(1mV)/ ±500.00V(10mV), Ripple noise : 300.0mVp-p(0.1mV)/3000.0mV p-p(1.0mV), Nominal bandwidth : 100MHz, Input impedance : DC 1 MΩ· High Frequency : 50Q, GPIB, Automatic setting function of ripple noise	100,000	A+B		1 month	B2
Power Electronics	UKK-5817	DC V-A Regulator	Keisoku-Giken	WS-1080A	Switching system, Wide range single output DC power, Rated voltage : 30V, Rated current : 108A, Rated power : 1080W, Rated input : 100V ~ 240V 50/60Hz, Single phase	100,000	A+B		1 month	B2
Power Electronics	UKK-5850	AC V-A Regulator	Takasago	AA2000XG2	AC output Lo range : 0V ~ 150V/20A, Hi range : 0 ~ 300V/10A, Output frequency : 0.01Hz ~ 1200.0Hz, DC output : DC±200V/18A, Hi range : DC±400V/9A, AC power input : 90V ~ 200V	400,000	A+B	Op.AOP-110CC2,ZA-0882,accessory:opratio n palen,controller extension cable	7 days	B2
Power Electronics	UKK-4028	DC V-A Regulator	Takasago	EX-1500H2	Display : Digital, Output voltage range : 0 ~ 240V, Output current range : 0 ~ 25A, ( At 240V : Max.6.25A, At 60V : Max.25A ) , Input : 85V ~ 264V1φ, Output power : Max 1500W	160,000	C		1 month	B2
Power Electronics	UKK-5819	DC V-A Regulator	Takasago	HV1.0-10	Output voltage/current : 00V/0 ~ 1000mA, Input power : AC100V, Single phase : 50/60Hz, Display : Analog	300,000	B	Power cable	1 month	B2
Power Electronics	TOK-2601	DC V-A Regulator	Takasago	HX0300-50	Display : Digital, 0 ~ 300V, 0 ~ 50A, Input : AC180V ~ 220 V 3 phase, Overvoltage/overheat protection	300,000	A+B		7 days	B2
Power Electronics	UKK-6251	Portable Power Supply	Takasago	PP2502A	AC/Single phase 100V(Sinusoida wave)250W, Possible to use Max. 6 device in parallel, Max. 1100W at continuous electricity supply mode, Max.1500W at portable power mode, DC5V, Max.500mA/1port	40,000	A+B		7 days	B2
Power Electronics	TOK-2201	GPIB/RS232C Programer	Takasago	TC911B	For EX, UX series. Possible to connect Max. 1 6 device. *Required EX12DB.	30,000	A+B	front cover cracked	7 days	B3
Power Electronics	TK27-0383	HF Power supply	Tokyo Seiden	CVHF1-1K	Single phase AC200V±10%,47 ~ 63Hz, Voltage range : 0 ~ 1000V, Voltage stability : ± 5 %, Output frequency : KHz ~ 10kHz, Size : 430(W)×220(H)×405(D)mm, Weight : Approx 39kg	150,000	C		1 month	B1

Category	Product CD	Product name	Mnufacture	Model	Specification	Selling price (Net JPY)	Accessory (*1)	Option	Warranty period(*2)	Rank code(*3)
Power Electronics	UKK-6064	Wire conduction test equipment	HIOKI	3157	Basic measurement function : AC 4 terminal low resistance measurement, Generating current system : PWM Low current control , Setting current range : AC3.0A ~ 31.0A, Generaing frequency : 50/60Hz sinusoida wave, Resistance measuring range : 0 ~ 1.800Ω ( 0.001Ω)	90,000	A+B	9593-02,9296×2	1 month	B2
Power Electronics	KA1137	Dielectric Test equipment	HIOKI	3158	Display : Digital, Testing voltage : AC0 ~ 2.5kV/5kV, Current detection : 0.01 ~ 120mA, Testing time : by hand operation or timer (0.5 ~ 999sec), RS-232C	55,000	A		6 months	R2
Power Electronics	UKK-0870	Power quality Analyzer	HIOKI	3196	Input 1ch with 1 line out of Single phase 2 line/3 line, Three-phase 3 line/4 line. Voltage range : ch1 ~ ch3 ; AC 150/300/600V, 4 ch; AC 60/150/300/600V, DC ±60/600V peak, Current range : Various range by using clamp-on sensor	200,000	A+B	9438X1pc、9339X1pc、9660X3pcs	1 month	B1
Power Electronics	TR2910	Power quality Analyzer	HIOKI	3196	Input 1ch with 1 line out of Single phase 2 line, 3 line, Three-phase 3 line range & Three-phase 4 line. Voltage range : ch1 ~ ch3 ; AC 150/300/600V, ch4; AC 60/150/300/600V, DC ±60/600V peak, Current range : Various range by using clamp-on sensor	160,000	A+B	9264-01(Connection adaptor), Case	6 months	R2
Power Electronics	TR2911	Power quality Analyzer	HIOKI	3196	Input 1ch with 1 line out of Single phase 2 line, 3 line, Three-phase 3 line range & Three-phase 4 line. Voltage range : ch1 ~ ch3 ; AC 150/300/600V, ch4; AC 60/150/300/600V, DC ±60/600V peak, Current range : Various range by using clamp-on sensor	160,000	A+B	9264-01(Connection adaptor), Case	6 months	R2
Power Electronics	UKK-3913	Power quality Analyzer	HIOKI	3196	Input 1ch with 1 line out of Single phase 2 line, 3 line, Three-phase 3 line range & Three-phase 4 line. Voltage range : ch1 ~ ch3 ; AC 150/300/600V, ch4; AC 60/150/300/600V, DC ±60/600V peak, Current range : Various range by using clamp-on sensor	200,000	A+B	9438×8	1 month	B1
Power Electronics	UKK-4292	Power line monitor	HIOKI	3351	Single phase 2 line/Single phase 3 line/Three-phase 3 line(50/60Hz), Voltage 2ch(1 circuit)/Current 12ch, Measurement : Leakage current/Main load current/Branch load current /Power supply quality	100,000	A+B	need clamp sensor oprion for current measurement	1 month	B2
Power Electronics	UKK-3106	Clip lead with thermo sensor	HIOKI	9460	Connector for 3554. Length : Approx. 1.7m, Length : Approx.25cm between 2 way- probe. Clip size : Max. Approx. φ15mm in diameter	5,000	N		None	B2
Power Electronics	UKK-3105	Clip lead with thermo sensor	HIOKI	9460	Connector for 3554. Length : Approx. 1.7m, Length : Approx.25cm between 2 way- probe. Clip size : Max. Approx. φ15mm in diameter	5,000	N		None	B2
Power Electronics	UKK-3107	Clip lead with thermo sensor	HIOKI	9460	Connector for 3554. Length : Approx. 1.7m, Length : Approx.25cm between 2 way- probe. Clip size : Max. Approx. φ15mm in diameter	5,000	N		None	B2
Power Electronics	TR2831	Power line monitor	HIOKI	3351-SET	Voltage : 1 circuit, Current : 12ch, Current measurement : by Clamp sensor, RMS value fluctuation, Peak value, Wave form comparison, Total distortion ratio Interface : PC card RS232C	73,000	A+B	9438-04,9745,9720-01	7 days	R2
Power Electronics	UKK-5864	Battery HI-tester	HIOKI	BT3563	Measuring items : Voltage, Resistance Measuring system : AC 4 terminal(1kHz), Voltage range : DC6 ~ 300V(3 switch), Resistance range : 3mΩ ~ 3000Ω(7 switch) I/F:RS-232C Power : AC100 ~ 240V	130,000	A+B	9454/L2100, accessory kit	1 month	B2
Power Electronics	UKK-6539	Batter pack	HIOKI	Z1007	For LR8410・ LR8416・ LR8510・ LR8511	5,000	N		1 month	B1
Power Electronics	UKK-6540	Batter pack	HIOKI	Z1007	For LR8410・ LR8416・ LR8510・ LR8511	5,000	N		7 days	B2
Power Electronics	UKK-6541	Batter pack	HIOKI	Z1007	For LR8410・ LR8416・ LR8510・ LR8511	5,000	N		7 days	B2
Power Electronics	UKK-6442	Tripod	Microwave Factory	MMA201	Height : 85 ~ 205cm Breaking load : 20kg Interface : 1/4 inch screw	50,000	A	Tripod attachment,30Φ.25Φ.22Φ.18Φ	None	B3
Power Electronics	UKK-6538	Batter pack	HIOKI	Z1007	For LR8410・ LR8416・ LR8510・ LR8511	5,000	N		7 days	B2
Power Electronics	UKK-6440	UHF Antenna	YAGI ANTENNA	U-W19	Device : 14, Frequency : 13 ~ 62ch, Output Impedance : 75Ω, Connecting terminal : BNC-J	40,000	A	BNC cable, antenna pole case	7 days	B3
RF/EMI equipments	TO32-6015	EMC・EMI Antenna	ANRITSU	2000-1031	For Site master, Frequency range : 1.85 - 1.99GHz, Z in=50Ω, Connector : SMA(plug)	8,000	N		None	B3



Category	Product CD	Product name	Mnufacture	Model	Specification	Selling price (Net JPY)	Accessory (*1)	Option	Warranty period(*2)	Rank code(*3)
RF/EMI equipments	TO32-6017	EMC·EMI Antenna	ANRITSU	2000-1031	For Site master, Frequency range : 1.85 - 1.99GHz, Z in=50Ω, Connector : SMA(plug)	8,000	N		None	B3
RF/EMI equipments	TO32-6018	EMC·EMI Antenna	ANRITSU	2000-1031	For Site master, Frequency range : 1.85 - 1.99GHz, Z in=50Ω, Connector : SMA(plug)	8,000	N		None	B3
RF/EMI equipments	THC-353	EMC·EMI Antenna	ANRITSU	MA5612A3	Antenna system : Half wavelength dipole, Frequency range : 1.4 ~ 1.55 GHz, Z in=50Ω, VSWR : 2 or under, Gain : 2dBi, Connector : SMA-J	20,000	N		None	B3
RF/EMI equipments	TM421	Sight Master	ANRITSU	S331D	Frequency range : 25 ~ 4000MHz, Frequency resolution : 100kHz, VSWR measuring range : 1.00 ~ 65.00, 50Ω, OP3 : Color LCD, *Remark : a stain on the liquid crystal display	300,000	A+B	No CD(software), OSLNF50-1, OSLN50-1, 34NN50A, 34NENE50	7 days	R2
RF/EMI equipments	UKK-6614	Sight Master	ANRITSU	S331E	Cable· Antenna Analyzer : 2MHz ~ 4GHz, Return loss, VSWR, Cable loss, DTF(Distance To Fault), Smith chart, 1port Phase angle	650,000	A+B	-0031(GPS Receiver)	1 month	B2
RF/EMI equipments	UKK-6613	Sight Master	ANRITSU	S331E	Cable· Antenna Analyzer : 2MHz ~ 4GHz, Return loss, VSWR, Cable loss, DTF(Distance To Fault), Smith chart, 1port Phase angle	580,000	A+B	-0019(Connectable with high accuracy power meter)	1 month	B2
RF/EMI equipments	TO32-5822	Sight Master	ANRITSU	S820C	Frequency range : 3.3GHz ~ 20GHz, VSWR measuring range : 1.00 ~ 65.00, 50Ω	700,000	A+B	accessory locatted at back vard	1 month	B1
Radio wave · EMI measuring instrument	UKK-6441	Loop antenna	Microwave Factory	MLP-K102M30P	Frequency : 100kHz ~ 30MHz Connector : N(receipt) 50Ω Power peak : 1W	150,000	A+B	case	7 days	B2
Radio wave · EMI measuring instrument	UKK-6376	EMI measuring instrument	KYOURITU	KNM-2402	Measuring range input terminal voltage : 9kHz ~ 149.9kHz/-15 ~ 110dB, 0.15 ~ 30MHz/Typ.-15 ~ 110dB, Electric field intensity : 15 ~ 110dB+aerial wire coefficient, Max. 130dB, Input impedance : 50Ω, N type, VSWR1.5 or below	300,000	C		1 month	B2
Signal Generator	Y0810	Function Generator	Agilent	33250A	1μHz ~ 80MHz(Sine· Square), Sine· Square· Ramp· Burst· Noise· Sin(x)/x· Quick up· quick down· Reversed ramp· Cardiac· DC volt	240,000	A+B		6 months	R1
Signal Generator	UKK-6486	Synthsizer/Level Generator	Agilent	3335A	Range : 200Hz ~ 81MHz, Resolution : 0.001Hz, Amplitude : Range50Ω /+13.01 ~ -86.98dBm, Range75Ω/+11.25 ~ -88.74dBm, Resolution : 0.01dB	50,000	C		7 days	B2
Signal Generator	UKK-4368	Pulse Generator	Agilent	81110A	1mHz ~ 165MHz, Timing resolution: 3.5digit·5steps, Amplitude:100mVpp ~ 20Vpp(open), Pulse time:2ns ~ 200ms, Pulse width:3.03ns ~	340,000	C	81111A	1 month	B1
Oscillator· Signal generator	UKK-4936	Function/Pulse generator	Agilent	8116A	1mHz ~ 50MHz, Resolution 3 digits, Max. output : 2Vp-p(open), Pulse width : 10.0ns ~ 999ms, Start· Finish <6ns, External trigger modulation function gate burst sweep AM FM PWM etc) with with HP-IB	70,000	C	OPT:001	1 month	B2
Signal Generator	4G-0701	Function Generator	Agilent	8118A	Pattern format : RZ-Max. 50M bit, NRZ-Max. 100M bit	180,000	N		7 days	R2
Signal Generator	4G-0700	Function Generator	Agilent	8118A	Pattern format : RZ-Max. 50M bit, NRZ-Max. 100M bit	170,000	N		None	R2
Signal Generator	4G-0945	Standard Signal Generator	Agilent	8648C	Frequency range : 9kHz ~ 3200MHz, Output level : -136 ~ +13dBm(≦ 2.5GHz), -136 ~ +10dB(≦3.2GHz), < ±0.1ppm/year or < ±0.0005ppm/day	200,000	C		1 month	B2
Signal Generator	KA1064	Standard Signal Generator	Agilent	8648C	100kHz ~ 3200MHz, Aging rate , Output +10/+13 ~ -136dBm	200,000	C	1EA(high power)	6 months	R2
Signal Generator	4G-0944	Standard Signal Generator	Agilent	8648C	Frequency range : 9kHz ~ 3200MHz, Output level : -136 ~ +13dBm(≦ 2.5GHz), -136 ~ +10dB(≦3.2GHz), < ±0.1ppm/year or < ±0.0005ppm/day	180,000	C		1 month	B2
Signal Generator	Y0773	Standard Signal Generator	Agilent	E4428C	Frequency :250kHz ~ 3GHz(Op503), Output power -136 ~ +13dBm(250MHz ~ 1GHz)	1,350,000	B	503	6 months	R1
Signal Generator	4G-0949	Standard Signal Generator	Agilent	E4432B	Frequency : 250kHz ~ 3000MHz, UND : Inner optional wave form generator, 1E5 : High stable time base, 100· 101· UN5	250,000	B	Power cord, OP:100, 101, 1E5, H99, UN5,	1 month	B2
Signal Generator	UKK-3929	Standard Signal Generator	Agilent	E4438C	Frequency :250kHz ~ 6GHz, Resolution :0.01 Hz, Output :+17dBm, 001: Internal base band· Generator ,8M sampling wave, 406:Bluetooth Signal Studio,410:802.11a RF LAN Signal Studio,506: Frequency range 250 kHz ~ 6 GHz UNJ: Super low phase noise	1,800,000	C	001, 406, 410, 506, UNJ	1 month	B1

Category	Product CD	Product name	Mnufacture	Model	Specification	Selling price (Net JPY)	Accessory (*1)	Option	Warranty period(*2)	Rank code(*3)
Signal Generator	UKK-3751	Standard Signal Generator	Agilent	E4438C	Frequency: 250kHz ~ 1,2,3,4,6GHz, Resolution: 0.01 Hz, Output: +17dBm	1,600,000	B	OP:005,403,404,503,601,UNJ	1 month	B1
Signal Generator	UKK-4267	Standard Signal Generator	Agilent	E4438C	Frequency :250kHz ~ 3GHz, Resolution :0.01Hz, Output :+17dBm,005:6GHDD,400:3GPPW-CDMAFFD, Calibrated noise 503:3GHz 602: UNB mechanical attenuator UNJ:Phase noise	1,200,000	B	005,400,403,503,602,U K6,UN7,UNB,UNJ、connector broken(BER)	1 month	B1
Signal Generator	UKK-4138	MXG Vector Generator	Agilent	N5182A	100MHz ~ 3GHz z、 >+23dBm	1,000,000	B	019、403、503、652、UNV、UNZ、N7615-3FP、N7615-EFP、N7615	1 month	B1
Signal Generator	UKK-4265	Modulation Generator	ANRITSU	MG3681A	3 G P P coresponding digital modulation signal generator Frequency : 250KHz ~ 3GHz . Level : -143 ~ +13dBm / 0.01 Resolution	100,000	A+B	02,11,CD software	1 month	B1
Oscillator· Signal generator	UKK-6339	Signal generator	ANRITSU	MG3700A	Vector signal generator : 250kHz ~ 6GHz, Resolution : 0.01Hz, Aging rate : ± 1 × 1 0 -7/year, -140 ~ +13dBm ( 0.01Hz resolution ) , 5 0 Ω , N type, 2GB memory 40GBFDD 100BSE-TX I AN GP-IB I/F	380,000	A+B	OPT:002,011,021,LAN cable,memory card	1 month	B2
Signal Generator	TR2331	Function Generator	NF	1732	0.1μ ~ 100KHz, Output 0 ~ 20VP-P, Signal generator: 12bit×2048, with GP-IB	139,000	A+B		7 days	R2
Oscillator· Signal generator	UKK-6004	Function Synthesizer	NF	WF1944B	2ch, Standard function type, Frequency range : 0.01μHz ~ 15MHz z , Inner 7 waves· Arbitrary waveform, Output voltage : 20Vp-p, Memory number of arbitrary waveform : 12 GPIB	90,000	C		1 month	B2
Oscillator· Signal generator	UKK-6009	Function Synthesizer	NF	WF1944B	2ch, Standard function type, Frequency range : 0.01μHz ~ 15MHz z , Inner 7 waves· Arbitrary waveform, Output voltage : 20Vp-p, Memory number of arbitrary waveform : 12 GPIB	90,000	C		1 month	B2
Signal Generator	UKK-3687	RF Signal Generator	Keithley	2910	Frequency band 400MHz ~ 2.5GHz, Wave form format : Digital signal (GSM/GPRS/EDGE,cdmaOne/cdma2000 1xRTT,WCDMA) Analog signal(AM,FM,Φ M, Noise, Two-tone CW, Pulse), Internal modulation range : Max. 40MHz External I/Q signal modulation range : Max. 200MHz	200,000	C		1 month	B1
Signal Generator	UKK-5042	LF Oscillator	Shinasoku	AG15C	5 ~ 100.9kHz, 3digit4range, Harmonic wave distortion rate : - 120dB(0.0001%) or over ( at under 10 ~ 10kHz ) , Output voltage : Max.10Vrms ( at no load ) , GP-IB, Size : W426×H99×D360mm, Weight : Approx 8.6kg	120,000	C		1 month	B2
Signal Generator	UKK-4111	Arbitrary Function Generator	Tektronix	AWG2005	Max.clock : 20MHz, Vertical resolution : 12bit, Wave form memory : 64K word/ch, Wave form file memory : 2M bite, RS-232C	100,000	C	op-05: clock sweep function	1 month	B1
Signal Generator	TM383	Arbitrary Function Generator	Tektronix	AWG2021	12bit , 256Kword/ch, Max.clock : 250MHz, Output : 50mV ~ 5Vp-p, 2ch, 7CRT3.5"FDD, GP-IB/RS232C, Op.02 ( 2ch output )	200,000	C	Op . 02	7 days	R2
Oscillator· Signal generator	UKK-5943	Voluntary wave generator	Tektronix	AWG2021	12bit, 256Kword/ch, Max.clock : 250MHz, Output : 50mV ~ 5Vp-p, 2ch, 7CRT3.5"FDD, GP-IB/RS232C, Op.02 ( 2ch output )	180,000	B	OPT:OP-02、 Englishu manual	1 month	B2
Signal Generator	TM413	Arbitrary Function Generator	Tektronix	AWG2041	1ch output, Max.clock : 1GHz, Vertical resolution : 8bit, Wave form memory : 4M word/ch, Wave form file memory : 5M bite, GP-IB/RS-232C I/F	100,000	C		7 days	R2
Signal Generator	UKK-1069	DARC Encoder	Panasonic Mobail	VP-7663A	DARC(multiple FM ) encoder, Output level : 0 ~ 0.999/0.001Vp-p, 1 ~ 9.99/0.01Vp-p, Generate L-MSK signal for each DARC, RS-232C I/F, GP-IB, Not installed deda edeitor soft	30,000	C		7 days	B2
Signal Generator	UKK-4099	Standard Signal Generator	Rohde & Schwarz	SMIQ03B	300KHz ~ 3.3GHz, TDMA, CDMA, Analog/digital modulation, I/Q Modulator in wide band , SM-B1:REFERENCE-OSC-OCXO, SMIQB20:Modulation coder SMIQB11>Data generator	350,000	B	SM-B、 SMIQB20、 SMIQB11	1 month	B1
Signal Generator	UKK-4220	Standard Signal Generator	KIKUSUI	KSG4310	Built-in FM stereo generator · AM stereo generator, Frequency range : 10KHz ~ 280MHZ, Resolution : 10HZ, Accuracy : ±2×10-6, Output level : - 133dBm ~ + 19dBm(50Ω), Internal modulation frequency : 50Hz ~ 15kHz, GPIB Size : 430Wx99Hx380Dmm Weight : Approx 10kg	160,000	A+B	BNC cable	1 month	B1

**THE LIST OF USED TEST&MEASURING INSTRUMENTS**

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**(LAW)**

- Some products restricted by the Japanese Export Control Law, may not be allowed to export. Please understand it beforehand.

\*To customers in overseas, please fill up the attached application (your company's name and enduse'r'name etc) in English to pass Export Control Law. (Please use an attached form.)

To custmers in Japan, also you may be asked the information about your endusers.

**(CANCELLATION)**

- When, for the indication of a price, the specifications of a products and the service listed in a homepage and this list, there are any obvious errors and omission of t descriptions objectively by any other reasons, we may cancel the order from customers based on the error and omission of concerned description even if after our acceptance. Thank you for your understanding beforehand.

We are appreciating your understanding and cooperation.

**Contact information**

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**Column note**

Accessory (*1)
A : StandardAccessory
B : Instruction manual
C : Power cable
N : None

calibration (*2)
R1 : already calibrated
R2,B1 : Extra charge
B2,B3 : Out of service