

Omicron Spare Parts List



2011年2月18日 -- V15

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 有効期限：2011年6月31日

VT AFM / LS-AFM				
Parts Number	Description	Delivery time (weeks)	Price in JPY w/o tax	Price in JPY incl. 5% tax
	Tip holders and related items			
R192945-S	tip holder for VT AFM (25 off)	4	218,000	228,900
PN00621-S	cantilever holder for VT AFM (10 off)	4	280,000	294,000
R192946-S	cantilever holder for VT AFM (25 off)	4	621,000	652,050
R191776-S	transportbox for tip- and cantilever-holders	4	45,000	47,250
R192130-S	tunneling tips mounted for VT AFM (10 off)	4	288,000	302,400
R194337-S	non-contact cantilever for VT AFM, mounted (10 off)	4	525,000	551,250
R194336-S	contact-mode cantilever VT AFM mounted (10 off)	4	580,000	609,000
PN00216-S	Cantilever glueing Device type VT AFM	8	465,000	488,250
R201854-S	tip/cantilever transfer plate	4	60,000	63,000
	Sample plates			
B001388-S	direct current heating sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	352,000	369,600
R192031-S	sample plate for direct current heating for VT R192031-S metal coated ceramic plate not included!	4	314,000	329,700
B001387-S	radiative heating sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	578,000	606,900
B001396-S	cooling sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	268,000	281,400
R193240-S	cleaving sample plate for VT STM and VT AFM	5	345,000	362,250
	Spare Parts for sample plates (please contact service at omicron.jp for more information and drawings)			
S2187-S	molybdenum nut M1.2	4	700	735
S2847-S	spring washer for VT sample plates	4	400	420
S2847-S100	spring washer for VT sample plates (set of 100)	4	33,300	34,965
R191391-S	ceramic top plate for VT STM and VT AFM sample plates	4	19,400	20,370
R192031-S	metal coated ceramic top plate for VT STM and VT AFM sample plates	4	38,000	39,900
S2434-S	thermal contact plate for VT sample plate for cooling	5	1,400	1,470
S2402-S	sample clamping foil	4	700	735
S2403-S	sample clamping foil for sample mounting (wide holes for DH plates)	4	3,600	3,780
S2618-S	spacer for VT sample plate for cooling	4	3,300	3,465
S2413-S	short threaded spacer for VT sample plates	4	3,300	3,465
R1421-S	contact foil for VT DC sample plates	4	3,300	3,465
S2428-S	adjustment ring for sample mounting for VT DC sample plates	4	2,600	2,730
R1422-S	washer (distance ring, large inner diameter)	4	6,700	7,035
S2410-S	washer (t=0.1 mm)	4	1,900	1,995
S2406-S	washer (t=0.05 mm) -- use for height adjustment instead of S2410	5	200	210
S2436-S	PBN heating element for VT sample plates	4	93,000	97,650
S2484-S	washer (2.6 mm, t=0.1 mm)	4	900	945
R201423-S	contact bar for VT sample plates (replaces: S2423)	4	18,000	18,900
R1420-S	ceramic bush (insulator)	4	2,600	2,730
S2408-S	metal spacer	4	900	945
S2757-S	radiation shield for VT sample plates for heating	5	43,000	45,150
S2414-S	molybdenum special stud M1.2 for VT sample plates	4	2,600	2,730
S2415-S	molybdenum stud M1.2 for VT sample plates	4	1,400	1,470
S2207-S	base plate of VT sample plates	4	11,000	11,550
S2625-S	molybdenum base plate for VT sample plate for cooling	4	33,000	34,650
S2426-S	ceramic ring of VT sample plates	4	6,700	7,035
S285501-S	set of spare parts for VT sample plates	4	120,000	126,000
R193947-S	special tool for threaded spacers on VT sample plates	5	64,000	67,200
	Others			
K972087-S	bakeable short circuit plug for feedthrough FT 12 SKN and FT19 SKN	4	15,100	15,855
K972121-S	bakeable short circuit plug for Sub-D	4	17,000	17,850
K7920-S	sample grounding plug for VT instruments (CE version)	4	108,000	113,400

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VT-STM / LS-STM with Needle sensor scanner (3-legged golden tip holders)				
Parts Number	Description	Delivery time (weeks)	Price in JPY w/o tax	Price in JPY incl. 5% tax
	Tip holders and related items			
S2832-S	STM tip holders (golden holders with 3 legs) (set of 25)	4	163,000	171,150
S2833-S	tunneling tips mounted (golden holders with 3 legs) (10 off)	4	340,000	357,000
R193420-S	needle-sensors mounted (10 off)	4	525,000	551,250
R201869-S	tip transfer plate for VT STM (for golden holders with 3 legs)	4	64,000	67,200
	Sample plates			
B001388-S	direct current heating sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	352,000	369,600
R192031-S	sample plate for direct current heating for VT R192031-S metal coated ceramic plate not included!	4	314,000	329,700
B001387-S	radiative heating sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	578,000	606,900
B001396-S	cooling sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	268,000	281,400
R193240-S	cleaving sample plate for VT STM and VT AFM	5	345,000	362,250
	Spare Parts for sample plates (please contact service at omicron.jp for more information and drawings)			
S2187-S	molybdenum nut M1.2	4	700	735
S2847-S	spring washer for VT sample plates	4	400	420
S2847-S100	spring washer for VT sample plates (set of 100)	4	33,300	34,965
R191391-S	ceramic top plate for VT STM and VT AFM sample plates	4	19,400	20,370
R192031-S	metal coated ceramic top plate for VT STM and VT AFM sample plates	4	38,000	39,900
S2434-S	thermal contact plate for VT sample plate for cooling	5	1,400	1,470
S2402-S	sample clamping foil	4	700	735
S2403-S	sample clamping foil for sample mounting (wide holes for DH plates)	4	3,600	3,780
S2618-S	spacer for VT sample plate for cooling	4	3,300	3,465
S2412-S	threaded spacer -- obsolete: order (S2413-S and S2408-S)	4	--	--
S2413-S	short threaded spacer for VT sample plates	4	3,300	3,465
R1421-S	contact foil for VT DC sample plates	4	3,300	3,465
S2428-S	adjustment ring for sample mounting for VT DC sample plates	4	2,600	2,730
R1422-S	washer (distance ring, large inner diameter)	4	6,700	7,035
S2410-S	washer (t=0.1 mm)	4	1,900	1,995
S2406-S	washer (t=0.05 mm) -- use for height adjustment instead of S2410	5	200	210
S2436-S	PBN heating element for VT sample plates	4	93,000	97,650
S2484-S	washer (2.6 mm, t=0.1 mm)	4	900	945
R201423-S	contact bar for VT sample plates (replaces: S2423)	4	18,000	18,900
R1420-S	ceramic bush (insulator)	4	2,600	2,730
S2408-S	metal spacer	4	900	945
S2757-S	radiation shield for VT sample plates for heating	5	43,000	45,150
S2414-S	molybdenum special stud M1.2 for VT sample plates	4	2,600	2,730
S2415-S	molybdenum stud M1.2 for VT sample plates	4	1,400	1,470
S2207-S	base plate of VT sample plates	4	11,000	11,550
S2625-S	molybdenum base plate for VT sample plate for cooling	4	33,000	34,650
S2426-S	ceramic ring of VT sample plates	4	6,700	7,035
S285501-S	set of spare parts for VT sample plates	4	120,000	126,000
R193947-S	special tool for threaded spacers on VT sample plates	5	64,000	67,200
	Others			
K972087-S	bakeable short circuit plug for feedthrough FT 12 SKN and FT19 SKN	4	15,100	15,855
K972121-S	bakeable short circuit plug for Sub-D	4	17,000	17,850
K7920-S	sample grounding plug for VT instruments (CE version)	4	108,000	113,400

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VT-STM / LS-STM without Needle sensor scanner (silver tip holders)				
Parts Number	Description	Delivery time (weeks)	Price in JPY w/o tax	Price in JPY incl. 5% tax
	Tip holders and related items			
S2701-S	STM tip holders for VT STM and LT STM (silver tip holders) (set of 25)	4	64,000	67,200
S2664-S	tunneling tips mounted for VT STM and LT STM (silver tip holders) (10 off)	4	180,000	189,000
R201789-S	tip transfer plate for VT STM and LT STM (silver tip holders), type 2	5	43,000	45,150
	Sample plates			
B001388-S	direct current heating sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	352,000	369,600
R192031-S	sample plate for direct current heating for VT R192031-S metal coated ceramic plate not included!	4	314,000	329,700
B001387-S	radiative heating sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	578,000	606,900
B001396-S	cooling sample plate for VT STM and VT AFM, incl. metal coated and standard ceramic top plate	4	268,000	281,400
R193240-S	cleaving sample plate for VT STM and VT AFM	5	345,000	362,250
	Spare Parts for sample plates (please contact service at omicron.jp for more information and drawings)			
S2187-S	molybdenum nut M1.2	4	700	735
S2847-S	spring washer for VT sample plates	4	400	420
S2847-S100	spring washer for VT sample plates (set of 100)	4	33,300	34,965
R191391-S	ceramic top plate for VT STM and VT AFM sample plates	4	19,400	20,370
R192031-S	metal coated ceramic top plate for VT STM and VT AFM sample plates	4	38,000	39,900
S2434-S	thermal contact plate for VT sample plate for cooling	5	1,400	1,470
S2402-S	sample clamping foil	4	700	735
S2403-S	sample clamping foil for sample mounting (wide holes for DH plates)	4	3,600	3,780
S2618-S	spacer for VT sample plate for cooling	4	3,300	3,465
S2413-S	short threaded spacer for VT sample plates	4	3,300	3,465
R1421-S	contact foil for VT DC sample plates	4	3,300	3,465
S2428-S	adjustment ring for sample mounting for VT DC sample plates	4	2,600	2,730
R1422-S	washer (distance ring, large inner diameter)	4	6,700	7,035
S2410-S	washer (t=0.1 mm)	4	1,900	1,995
S2406-S	washer (t=0.05 mm) -- use for height adjustment instead of S2410	5	200	210
S2436-S	PBN heating element for VT sample plates	4	93,000	97,650
S2484-S	washer (2.6 mm, t=0.1 mm)	4	900	945
R201423-S	contact bar for VT sample plates (replaces: S2423)	4	18,000	18,900
R1420-S	ceramic bush (insulator)	4	2,600	2,730
S2408-S	metal spacer	4	900	945
S2757-S	radiation shield for VT sample plates for heating	5	43,000	45,150
S2414-S	molybdenum special stud M1.2 for VT sample plates	4	2,600	2,730
S2415-S	molybdenum stud M1.2 for VT sample plates	4	1,400	1,470
S2207-S	base plate of VT sample plates	4	11,000	11,550
S2625-S	molybdenum base plate for VT sample plate for cooling	4	33,000	34,650
S2426-S	ceramic ring of VT sample plates	4	6,700	7,035
S285501-S	set of spare parts for VT sample plates	4	120,000	126,000
R193947-S	special tool for threaded spacers on VT sample plates	5	64,000	67,200
	Others			
K972087-S	bakeable short circuit plug for feedthrough FT 12 SKN and FT19 SKN	4	15,100	15,855
K972121-S	bakeable short circuit plug for Sub-D	4	17,000	17,850
K7920-S	sample grounding plug for VT instruments (CE version)	4	108,000	113,400

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LT STM				
Parts Number	Description	Delivery time (weeks)	Price in JPY w/o tax	Price in JPY incl. 5% tax
	Tip holders and related items			
S2701-S	STM tip holders for VT STM and LT STM (silver tip holders) (set of 25)	4	64,000	67,200
S2664-S	tunneling tips mounted for VT STM and LT STM (silver tip holders) (10 off)	4	180,000	189,000
R201789-S	tip transfer plate for VT STM and LT STM (silver tip holders), type 2	5	43,000	45,150
B002728	LT STM tip transfer plate - QPlus AFM version	5	73,000	76,650
	Sample plates			
S218201-S	direct-current-heating sample plate	4	124,000	130,200
R204177-S	LT STM sample plate with 4 electrical contacts	5	295,000	309,750
	Spare Parts for sample plates (please contact service at omicron.jp for more information and drawings)			
S2187-S	Hexagon molybdenum nut M1.2	4	700	735
R1420-S	ceramic insulator	4	2,600	2,730
S2190-S	sample clamping foil for sample plate	4	900	945
S2191-S	sample clamping foil for sample plate	4	1,400	1,470
S2185-S	contact bar	4	12,900	13,545
S2189-S	sample support for direct current heating	4	20,100	21,105
S2186-S	molybdenum stud M1.2x5mm	4	2,400	2,520
S2182-S	base plate for direct heating sample plate	4	36,000	37,800
	Others			
K972087-S	bakeable short circuit plug for feedthrough FT 12 SKN and FT19 SKN	4	15,100	15,855
K972121-S	bakeable short circuit plug for Sub-D	4	17,000	17,850
E2247-S	spring for LT STM carousel assembly	4	9,300	9,765
CU336	gasket for LT STM, CF336	4	9,200	9,660
R1831-S	spring for He-shield of LT STM	4	400	420

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AFM / STM and STM 1				
Parts Number	Description	Delivery time (weeks)	Price in JPY w/o tax	Price in JPY incl. 5% tax
	Tip holders and related items			
S202001-S	STM tip holders for UHV STM1 and UHV AFM/STM (set of 25)	4	108,000	113,400
S308301-S	AFM cantilever carrier 15° for AFM (set of 25)	4	108,000	113,400
S3157-S	STM-tips mounted for UHV STM1 and UHV AFM/STM (set of 10)	4	208,000	218,400
S3154-S	AFM cantilever for contact mode (10 off)	4	240,000	252,000
S3290-S	AFM cantilevers for non-contact mode (10 off)	4	242,000	254,100
S217202-S	tip transfer plate for AFM/STM and STM 1	4	18,700	19,635
	Sample plates			
S218201-S	direct-current-heating sample plate	4	124,000	130,200
	Spare Parts for sample plates (please contact service at omicron.jp for more information and drawings)			
S2187-S	Hexagon molybdenum nut M1.2	4	700	735
R1420-S	ceramic insulator	4	2,600	2,730
S2190-S	sample clamping foil for sample plate	4	900	945
S2191-S	sample clamping foil for sample plate	4	1,400	1,470
S2185-S	contact bar	4	12,900	13,545
S2189-S	sample support for direct current heating	4	20,100	21,105
S2186-S	molybdenum stud M1.2x5mm	4	2,400	2,520
S2182-S	base plate for direct heating sample plate	4	36,000	37,800
	Others			
K972087-S	bakeable short circuit plug for feedthrough FT 12 SKN and FT19 SKN	4	15,100	15,855
S2157-S	carousel springs for UHV AFM/STM	5	11,000	11,550
S3295-S	sample carousel for UHV AFM/STM	5	489,000	513,450
PN00144-S	LED assembly for UHV AFM/STM	4	230,000	241,500
S3161-S	in-vacuum IVC for UHV AFM/STM	4	100,000	105,000
K1150-S	ex-vacuum IVC for SPM PRE E	4	74,000	77,700
S3162-S	in-vacuum IVC for UHV STM1	4	100,000	105,000

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Common SPM and UHV System Parts				
Parts Number	Description	Delivery time (weeks)	Price in JPY w/o tax	Price in JPY incl. 5% tax
	Sample plates common to all instruments			
S3163-S	test sample Au on Si, mounted on stainless steel sample plate	4	16,500	17,325
S3164-S	test sample graphite (HOPG), mounted on stainless steel sample plate	4	33,000	34,650
S3165-S	test sample mica for AFM, mounted on stainless steel sample plate	4	38,000	39,900
S3332-S	test sample Au on glass, not mounted	4	5,000	5,250
S220601-S	stainless steel sample plates (set of 5)	4	24,000	25,200
S2206-S	stainless steel sample plate	4	6,000	6,300
S2208-S	Molybdenum sample plate	4	24,000	25,200
S2209-S	Tantalum sample plate	4	24,000	25,200
S221501-S	Tantalum sample plate with window	4	24,000	25,200
	Related to Sample Transfer			
	pincer grip wobble stick (various types)	Please contact service at omicron.jp		
B001327-S	sample loading stage (used on mag probe)	5	139,000	145,950
PN01887-S	transfer head (pincer type style, used on mag probe)	5	600,000	630,000
R1691-S	load lock loading tool	4	18,900	19,845
S1106-S	hard metal rod for standard transfer head	4	2,800	2,940
	Related to UHV			
SK070	seal kit for UHV gate valve, CF070	4	27,600	28,980
SK114	seal kit for UHV gate valve, CF114	4	37,400	39,270
D7352-S	TSP controller (refurbished item may be available at a reduced price)	9	451,000	473,550
F2000-S	titanium sublimation pump ZST22 (refurbished item may be available at a reduced price)	5	184,000	193,200
F200008-S	set of 3 filaments for TSP / ZST22	4	6,000	6,300
PN01778-S	PVCI Ion Gauge Controller (EPI Max incl. Pirani module)	9	816,000	856,800
PN00228-S	ion gauge head	5	160,000	168,000
PN00424-S	filaments for ion gauge	4	31,200	32,760
FIL-VAR	filaments for ion gauge, available for SPMprobe and ESCAprobe	4	26,000	27,300
PN00229-S	bakeable ion gauge cable	5	69,000	72,450
PN00232-S	Pirani Gauge	5	60,000	63,000
	CCD Camera and light source related			
PN00974-S	CCD-Camera , monochrome	5	45,000	47,250
PN00796-S	power supply 12V DC 0.5A	3	15,300	16,065
R170602-S	universal camera holder	5	11,700	12,285
S306201-S	TV macro zoom lens	5	84,000	88,200
S3063-S	extender (x2) for CCD camera	5	18,000	18,900
S3067-S	ball joint Hama 5014	5	3,800	3,990
LIGHT5	halogen bulb 20W/8V for light source	4	4,000	4,200
	Related to Feedthrough			
S2150-S	12 way feedthrough FT12 (Non CE)	4	108,000	113,400
S2229-S	12 way feedthrough FT 12 (CE)	4	124,000	130,200
K972087-S	bakeable short circuit plug for feedthrough FT 12 SKN and FT19 SKN	4	15,100	15,855
K972121-S	bakeable short circuit plug for Sub-D	4	17,000	17,850
	Tools			
S249601-S	molybdenum wrench M1.2 for sample mounting	4	48,000	50,400
R193947-S	special tool for threaded spacers on VT sample plates	5	64,000	67,200
K5540-S	low pass filter with range selector	7	33,000	34,650
	Epoxy			
XY110-S	EPO-TEK H77 non-conducting glue for UHV -- hazardous materials shipping charge	7	48,000	50,400
XY111-S	EPO-TEK H21D conducting glue for UHV -- hazardous materials shipping charge	5	81,000	85,050
	hazardous materials shipping charge		50,000	52,500
	Others			
S2113-S	magnet for eddy current damping stage	5	1,200	1,260
QUOTE	quotation fee (charged for quotation request for items from this list)	1	2,000	2,100

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 有効期限： 2011年6月31日

EFM Parts				
Parts Number	Description	Delivery time (weeks)	Price in JPY w/o tax	Price in JPY incl. 5% tax
Filaments				
B000910-S	Filament for EFM 2/3/4 and EFM H (fully mounted on filament base)	4	98,000	102,900
B000911-S	Filament for EFM T3 (fully mounted on filament base)	4	96,000	100,800
Barrel connectors, ceramics, apertures				
PN00970-S	set of 4 stud screws for EFM barrel connector	6	21,600	22,680
B000449-S	EFM barrel connector stainless steel 1.5 mm inner diameter	6	8,600	9,030
B000448-S	EFM barrel connector molybdenum 1.5 mm inner diameter	4	21,600	22,680
B001259-S	EFM barrel connector molybdenum 2.0 mm inner diameter	4	24,000	25,200
B001260-S	EFM barrel connector molybdenum 4.0 mm inner diameter	4	67,000	70,350
B001261-S	EFM barrel connector molybdenum 6.0 mm inner diameter	6	67,000	70,350
B001629-S	EFM T3 barrel connector molybdenum 1.5 mm inner diameter	4	40,000	42,000
PN00558-S	EFM 3/4 barrel connector for filament (2 pieces)	6	12,900	13,545
D110210-S	set of exit apertures for EFM3	5	12,900	13,545
D113500-S	Mo stud for EFM (with slide bearing ceramics and connector to SHV feedthrough)	4	62,000	65,100
D117510-S	flux monitor ceramics for EFM 3T	6	62,000	65,100
PN00963-S	cardan joint for EFM 3	7	17,000	17,850
Crucibles				
B000425-S	High purity Alumina crucible small	4	153,000	160,650
B000426-S	High purity Alumina crucible medium	6	153,000	160,650
B000427-S	High purity Alumina crucible large	6	153,000	160,650
B000428-S	High purity Alumina crucible extra large	6	206,000	216,300
B000429-S	Pyrolytic boron nitride crucible medium	4	151,000	158,550
B000430-S	Pyrolytic boron nitride crucible medium	4	153,000	160,650
B000431-S	Pyrolytic boron nitride crucible large	4	206,000	216,300
B000432-S	Molybdenum crucible medium	4	103,000	108,150
B000433-S	Molybdenum crucible large	4	103,000	108,150
B000434-S	Molybdenum crucible small	4	103,000	108,150
B000435-S	Graphite crucible small	6	153,000	160,650
B000436-S	Graphite crucible medium	6	153,000	160,650
B000437-S	Graphite crucible large	6	153,000	160,650
B000438-S	Graphite crucible extra large	6	153,000	160,650
B000439-S	Tantalum crucible small	4	103,000	108,150
B000440-S	Tantalum crucible medium	4	103,000	108,150
B000441-S	Tantalum crucible large	6	153,000	160,650
B000442-S	Stainless steel crucible with nozzle medium	4	103,000	108,150
B001258-S	Beryllium oxide crucible small -- hazardous materials shipping charge applies	6	153,000	160,650
B000443-S	Beryllium oxide crucible medium -- hazardous materials shipping charge applies	6	153,000	160,650
	hazardous materials shipping charge		50,000	52,500
B000444-S	Zirconium oxide crucible medium	6	153,000	160,650
B000445-S	Tungsten crucible small	4	153,000	160,650
B000446-S	Tungsten crucible medium	4	153,000	160,650
B000447-S	Tungsten crucible large	4	187,000	196,350
Cables				
PN01365-S	Cable harness for EFM 2/3/3i/4 (Filament/Thermocouple)	7	76,000	79,800
PN01366-S	Cable harness for EFM 3T (Filament/Thermocouple)	7	88,000	92,400
D113401-S	standard 4 pin plug for EFM3 und EFM4	6	33,000	34,650
D113402-S	standard 6 pin plug for EFM 3T	6	38,000	40,635
Upgrades				
B002547	EFM 3 Ion suppressor upgrade An additional electrostatic lens element repels the ions that are generated inside the evaporator. These ions can no longer reach the substrate surface, where they cause defects. This upgrade package includes the hardware upgrade only (parts and instructions). Additionally, a repeller voltage of up to +1200V has to be supplied by the customer (SHV connector). Upgrade kit for existing EFM 3 by the customer.	8	326,000	342,300
B001255	EFM SM Shutter motor for EFM 3 ,EFM 3 VT, EFM4, and EFM T3, incl. cable 5m. For EVC 300 only, not available for EVC 100.	8	354,000	371,700

Omicron Spare Parts List



2011年2月18日 -- V15

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有効期限： 2011年6月31日

ISE				
Parts Number	Description	Delivery time	Price in JPY w/o tax	Price in JPY incl. 5% tax
D1355-S	filament for ISE 10 and ISE 100	4	208,000	218,400
D120801-S	anode for ISE 10 and ISE 100	4	62,000	65,100
D120805-S	flange socket for ISE 10 and ISE 100	4	57,000	59,850
D120802-S	set of ceramics for ISE 10	7	144,000	151,200
D120804-S	set of ceramics for ISE 100	7	352,000	369,600
Q00ISE5-S	ISE 5 spares-kit for sources after 7/2000 The kit contains the following items: 1 off energy alignment jig 1 off anode alignment tool 3 off anode mounting bushes 3 off ceramic bushes	7	129,000	135,450
Q01ISE5-S	ISE 5 ceramic kit for sources after 7/2000 The kit contains the following items: 3 off anode mounting bushes 3 off ceramic bushes	7	72,000	75,600

Omicron Spare Parts List



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DAR 400 Dual Anode Source/ XM 1000 Monochromated Source				
Parts Number	Description	Delivery time	Price in JPY w/o tax	Price in JPY incl. 5% tax
DAR 400				
Q08MFIL-S	filament for DAR 400	4	232,000	243,600
QE0455D-S	anode for DAR 400 (Mg/Al), length = 350 mm)	8	732,000	768,600
QE0455D-xxx-S	anode for DAR 400 (Mg/Al), special length)	12	792,000	831,600
QE0470A-S	Al window for DAR 400 (set of 5)	4	55,000	57,750
XM 1000				
Q13SFIL-S	filament set for XM1000 x-ray source (1 long and 1 short filament) Only for XM1000 Mk2!	Please Inquire	84,000	88,200
QE1658A-S	anode for XM1000 x-ray source Only for XM1000 Mk2!	Please Inquire	384,000	403,200
Q051533-S	micrometer for XM1000	4	124,000	130,200

