

Omicron Spare Parts List



2009年6月22日 -- V14

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 有効期限： 2009年9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 |
| 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 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 |
| 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 | 194.000 | 203.700 |
| 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 |
| R194578-S | tip transfer plate for VT STM and LT STM (silver tip holders) | 5 | 33.000 | 34.650 |
| | 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 |
| 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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 有効期限： 2009年9月31日

| 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 |
| R194578-S | tip transfer plate for VT STM and LT STM (silver tip holders) | 5 | 33.000 | 34.650 |
| | 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 |
| 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 | | | |
| 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 | 36.000 | 37.800 |
| 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 | 40.000 | 42.000 |
| 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 |
| S308501-S | videomonitor 9" b/w, 100V (Availability no longer guaranteed) | 8 | 79.000 | 82.950 |
| LIGHT5 | halogen bulb 20W/8V for light source (set of 5) | 4 | 18.750 | 19.688 |
| | 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 |

Omicron Spare Parts List



2009年6月22日 -- V14

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 有効期限：2009年9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



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 有効期限： 2009年9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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 有効期限: 2009年9月31日

| 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 | | | | |
| Q135FIL-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 |

(Y/M/D) 年 月 日

部品注文依頼書 (ORDER SHEET)

下記の部品、注文致します。(I am ordering the following items.)

| 部品番号 (PART NUMBER) | 品名 (DESCRIPTION) | 数量 (QTY) | 単価(税抜) (UNIT PRICE exl. tax) | 金額(税抜) (TOTAL excl. tax) |
|-----------------------|---------------------|-------------|---------------------------------|-----------------------------|
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| | 送料 (Shipping cost) | | ¥2,000 | ¥2,000 |
| | | | 合計(税抜) | |
| | | | 消費税 | |
| | | | 合計(税込) | |

御社名(COMPANY NAME) :
所属 (DEPARTMENT) :
住所 (ADDRESS) :
御依頼者(NAME) :
TEL :
E-mail :

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