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| **ORO MONITORINGO SISTEMOS ATSARGINIŲ DALIŲ IR EKSPLOATACINIŲ MEDŽIAGŲ PIRKIMAS**  **TECHNINĖ SPECIFIKACIJA**  **I. Pirmoji pirkimo dalis. Atsarginės dalys ir eksploatacinės medžiagos įrangos, pagamintos „Environnement SA“** | | | |
| Eil.  Nr. | Prekė | Prekės kodas | Vieneto kaina Lt be PVM |
|  | **AF21M** |  |  |
|  | 115/230V S 12-5,5-11-18-20V transformatormer | B01-0005-B |  |
|  | Display (LCD) | I03-0002-A |  |
|  | Plug with main filter | S02-PF-870-002 |  |
|  | Fan 220V 50Hz | V03-99-XU-A |  |
|  | Key board 16 keys | I02-F16-EM4 |  |
|  | Alphanumeric display 1 line | I03-CU-205-B |  |
|  | Adaptation board 1 line display | C06-0197-B |  |
|  | Display interface board | C06-C4-0005-B |  |
|  | Display interface board | C06-0127-I |  |
|  | Mother board for AF21M | C01-C2-0002-D |  |
|  | Converter HT Ue: ¤ 15 V Us:11 | B06-HT-001-A |  |
|  | Convertissor V/F AD 652 AQ | E04-0652-A |  |
|  | Double DAC AD 7549 KN | E04-7549-A |  |
|  | Opto insulator 4N32 | E05-0032-A |  |
|  | E2 PROM HY 93 C 46 or MSM 16811 RS | E06-EE001-A |  |
|  | Electro relay G 2E (1RT 12V) | E11-RE1RT-12-A |  |
|  | Electro relay G 2E (2RT 12V) | Ell -RE2RT-12-A |  |
|  | Electro relay 2RT 10A 220VAC | Ell -RE2RT-220-A |  |
|  | Solid state relay MP240 | E11-RS-0001-A |  |
|  | Temperature sensor LM35CAZ | T05-LM-35-CAZ |  |
|  | MICRO III equipped board (RoHS) | C03-0053-L |  |
|  | Battery 2,4V 70mA | B02-40-RF-204 |  |
|  | Zinc ray lamp supply board | C04-C3-0034-A |  |
|  | UV lamp supply transformer | B01-0009-A |  |
|  | Transistor TO 220 TIP 122 | E07-0122-A |  |
|  | Regulator (+5v) LM340 T5 | E10-P-005-C |  |
|  | Transmission board RS2i | C02-0207-A |  |
|  | Teflon filter part | F05-0037-B-SAV |  |
|  | Internal filter zero /S02 | F05-0061-A |  |
|  | 3 ways inox electrovalve | SAV-K-000003-A |  |
|  | Body SV 3/2NF INOX Rp 1/8 | F01-107-90-316 |  |
|  | Sol. T22, 220v 50Hz 4W | F01-430-04-155 |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | 5µ PTFE Filter dia 47 | F05-11-842 |  |
|  | Set of 2 dust filters for fan | SAV-K-000043-A |  |
|  | Dust filter power fan | F05-5003-B |  |
|  | Complete dust filter holder | SAV-K-000046-A |  |
|  | O ring diam. 9.25 cord 2 | G06-009 2-1 7-V |  |
|  | Filter holder cover | P02-0068-A |  |
|  | Filter door input | P06-0145-A |  |
|  | WISA air pump | V02-0008-A |  |
|  | Maintenance kit for pump | V02-K-113-909-A |  |
|  | Non equipped optical block | M01-0010-C-SAV |  |
|  | High energy zinc lamp (1 Year Warranty) | D01-1146-A |  |
|  | Kicker obturator assembly | DO 1-0091-B-SAV |  |
|  | Flow detector | F02-0001-D |  |
|  | Flow restrictor 0.31mm | F02-0035-A |  |
|  | Kicker (AF21M) | F05-0015-B |  |
|  | Stainless steel porous filter | F05-1200-170-A |  |
|  | O ring diam 4.2 cord 1.9 | G06-004\_2-1\_9-V |  |
|  | O ring diam 7.59 cord 2.6 | G06-007\_5-2\_6-V |  |
|  | O ring diam l7.12 cord 2.6 | G06-017\_1-2\_6-V |  |
|  | O ring diam 22.5 cord 2.5 | G06-022\_5-2\_5-V |  |
|  | O ring diam 27 cord 2 | G06-027\_0-2\_0-V |  |
|  | O ring diam 28 cord 2 | G06-028\_0-2\_0-V |  |
|  | O ring diam 32 cord 2 | G06-032\_0-2\_0-V |  |
|  | O ring diam 44 cord 2 | G06-044\_0-2\_0-V |  |
|  | O ring diam 48 cord 2 | G06-048\_0-2\_0-V |  |
|  | UV detector for AF21M | M02-5005-D-SAV |  |
|  | Photomultipicator tube | M02-R2693 |  |
|  | Heating part | M04-0002-A |  |
|  | Inox poral filter support | P02-0049-A |  |
|  | Cap holder for inlet lens | P02-0210-B |  |
|  | Inlet filter diam 25.4 | P07-0008-B |  |
|  | Biconvexe lens diam 22, foc 27,5 | P07-0010-A |  |
|  | Biconvexe lens diam 12, foc 9,7 | P07-0011-A |  |
|  | Outlet optical filter 320 mm | P07-0028-A |  |
|  | Poral filter | F05-1200-170 |  |
|  | Heating cartridge 80W 225V | T01-1007-01 |  |
|  | Temperature sensor | T05-5002-B |  |
|  | Permeation bench | F06-0004-A-SAV |  |
|  | SO2 permeation tube for AF21M (non certified) | - |  |
|  | Heater board | C06-0004-A |  |
|  | Temperature controller board | C06-0007-B |  |
|  | Restrictor 0.2 mm | F02-0011-A |  |
|  | On line activ. charcoal filter | F05-SDN-A |  |
|  | Outlet cap | P06-0024-A |  |
|  | Platinum probe w/ cable | D01-0850-E |  |
|  | Poral filter F05-1200-170 | SAV-K-000058-A |  |
|  | Capt. barometric option | A01-U0014-B |  |
|  | Pressure sensor mounted | P10-1308-A-SAV |  |
|  | **AF22M** |  |  |
|  | Power supply 24V-4,5A-100W | B05-S-100F-24 |  |
|  | Interface liaison card | D01-0744-B |  |
|  | Wired 24V fan | D01-0758-C |  |
|  | English equipped keyboard AF22M | I02-0005-B |  |
|  | Display (LCD) | I03-0002-A |  |
|  | Module board AF22M | C01-0267-I |  |
|  | Estel board "RoHS" | C02-0232-H |  |
|  | RS4i board without cable | C02-C1-0271-A |  |
|  | Equipped luv board (AF22) | C04-C1-0361-C |  |
|  | Warming S02 chamber board | C06-0285-D |  |
|  | Fluid control board | C06-0298-F |  |
|  | Display interface board "RoHS" | C06-C1-0127-E |  |
|  | Flow limiter N° 6 | F02-0027-A-SAV |  |
|  | PTFE tube 4 x 6 | F04-TF-004-006 |  |
|  | Zero filter S02 | F05-0128-B-SAV |  |
|  | On line activ. charcoal filter | F05-SDN-A |  |
|  | Zero span option | P10-1191-E-SAV |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | 5 u PTFE filter dia 47 | F05-11-842 |  |
|  | S02 measuring module | P10-1419-D |  |
|  | High energy zinc lamp (1 Year Warranty) | D01-1146-A |  |
|  | 3 ways SV with wire | D01-0749-D |  |
|  | Kicker (AF22M) | F05-0129-B-SAV |  |
|  | O ring 21,89 x 2,62 viton | G06-021 8-2 6-V |  |
|  | O ring diam 28 cord 2 | G06-028 0-2 0-V |  |
|  | O ring 29,87 cord | G06-029 8-1 7-V |  |
|  | O ring 41 x 2 viton | G06-041 0-2 0-V |  |
|  | O ring diam 44 cord 2 | G06-044 0-2 0-V |  |
|  | UV detector part (AF22M) | M02-5020-B-SAV |  |
|  | Photomultipicator tube | M02-R2693 |  |
|  | UV Lamp holder | P02-1810-B |  |
|  | Optical concentring cone | P02-1353-A |  |
|  | Inlet filter o25.4 | P07-0008-B |  |
|  | Biconvexe lens diam 22, foc 27,5 | P07-0010-A |  |
|  | Outlet optical filter 320 mm | P07-0028-A |  |
|  | Wired pump 24V-50Hz (AF22/C012/0342) | V02-0043-B |  |
|  | Shock absorber | G10-LXA-55-D |  |
|  | Maintenance kit for pump | V02-K-0041-A |  |
|  | Permeation bench | F06-0018-C |  |
|  | S02 wafer device type 40F3 uncertified | 140-643-0082-U50 |  |
|  | Temperature controller board | C06-0007-B |  |
|  | Liaison cable permeation bench | D01-0780-A |  |
|  | On line pump protect, filter | F05-IDN-10G |  |
|  | H2S-S02 convertor | F05-0055-C-SAV |  |
|  | Power supply cable & control regulation | D01-0013-B |  |
|  | Elbow bulkhead union body 6x6 | P06-0048-A |  |
|  | Vanadium pentoxyde pyrex glass | SAV-K-000080-B |  |
|  | Resistance w/ cable - molybdene converter AC31M | T01-0003-B |  |
|  | Thermocouple probe with cable | T 04-0001 -D- S A V |  |
|  | Converter oven control board | C06-0020-D |  |
|  | P115v 50/60Hz S 6v 58,3mA Transformer | B01-0004-A |  |
|  | Transformer P230v 50/60Hz S6V 58,3mA "RoHS" | B01-0019-A |  |
|  | Analog digital converter | E04-0594-A |  |
|  | Regulator (+5v) LM340 T5 | E10-P-005-C |  |
|  | Solid state relay MP240 | E11-RS-0001-A |  |
|  | S02 FILTER for CH2S | F05-0056-B-SAV |  |
|  | Refill zero internal filter | SAV-K-000074-A |  |
|  | Soda ash pack of 10g | SAV-X01-0007-A |  |
|  | Pure glasswool lgr packet | SAV-X01-0010-B |  |
|  | **MP101M** |  |  |
|  | Mother board MP101 | C01-0059-J |  |
|  | 115/230 -outputs 6-10-18-18-18V Transfo. | B01-0015-D |  |
|  | GM board | C06-0390-B |  |
|  | Multiplexor DG 506 AC | E00-00506-A |  |
|  | Converter A/D AD 574 AJD | E04-0574-A |  |
|  | CTC Z80 A:MK 3882N-6 | E06-CTC80-B |  |
|  | E2 PROM HY 93 C 46 or MSM 16811 RS | E06-EE001-A |  |
|  | Electro relay G 2E (1RT 12V) | E11-RE1RT-12-A |  |
|  | Electro relay 2RT 10A 220VAC | Ell -RE2RT-220-A |  |
|  | Temperature sensor LM35CAZ | T05-LM-35-CAZ |  |
|  | Box of 10 fuses 1.6 A | SAV-K-000030-A |  |
|  | Fuse D1TD/1,6A | S01-TT01 60-A |  |
|  | Box of 10 fuses 2 A | SAV-K-000031-A |  |
|  | Fuse 2A | S01-TT02 00-A |  |
|  | MICRO III equipped board (RoHS) | C03-0053-L |  |
|  | 128x8 static ram | E06-RA1000-D |  |
|  | Microprocessor Z8S18020VEG | E06-CPU-Z8S-A |  |
|  | PIO Z84 ref.:Z84C2010VEC PLCC lOMz | E06-PIO84-A |  |
|  | Quartz 12,288MHz | E32-M12\_2-A |  |
|  | Quartz clock real time 32.768 Khz "RoHS" | E32-K32\_7-B |  |
|  | Battery 2,4V 70mA | B02-40-RF-204 |  |
|  | MP101M soft loaded ARM7 V2 board | C03-P1-0383-E |  |
|  | Source block assembly MP101M | M01-0045-C-SAV |  |
|  | Valve/Source/pressure motor | D01-0201-B |  |
|  | Source temperature sensor | D01-0203-B |  |
|  | Motor with cable (MP101M) | D01-0493-B |  |
|  | Transistor darlintons NPN MPSA 13 | E07-0013-A |  |
|  | Notched belt | G05-BM-6T5-B |  |
|  | Equipped GM Detector | M02-5007-F |  |
|  | Geiger-Muller Tube | M02-72412-LND |  |
|  | Complete GM counter without source | M04-0003-D-SAV |  |
|  | Foil Gauge MP101 | M02-0004-B-SAV |  |
|  | Roll of filter paper RF100 | M04-370-392 |  |
|  | PICOLINO pump unit 230V 50/60Hz | V02-0096-A-SAV |  |
|  | Kit for PICOLINO pump | SAV-K-000145-A |  |
|  | Kit for pump VT4.4 | SAV-K-000098-B |  |
|  | Complete KNF pump MP101M | V02-0012-A |  |
|  | Maintenance kit for KNF pump | V02-K-0012-A |  |
|  | MP101 flow regulation set | F02-0050-C-SAV |  |
|  | Valve/Source/pressure motor | D01-0201-B |  |
|  | MP101M motorized valve | F01-0020-B-SAV |  |
|  | Flow limiter N° 6 | F02-0027-A-SAV |  |
|  | Pressure sensor mounted | P10-1308-A-SAV |  |
|  | Exhaust shaft | F09-5003-B-SAV |  |
|  | O ring diam 27 cord 2 | G06-027\_0-2\_0-V |  |
|  | Equipped printer unit | I05-0001-A |  |
|  | Printer interface board | C10-0001-B |  |
|  | Interface/ printer liaison cable | D01-0027-A |  |
|  | Box of 10 paper rolls | SAV-K-000040-A |  |
|  | Paper roll AFNOR VII | I05-AFNOR-VII |  |
|  | Box of 2 printer unit | S A V-K-000041 -A |  |
|  | Ink ribbon | I05-ERC-09P |  |
|  | Transmission board RS2i | C02-0207-A |  |
|  | SIO Z80 | E06-SIO80-A |  |
|  | CTC Z80 A:MK 3882N-6 | E06-CTC80-B |  |
|  | Teflon coated PM10<10u 1 m3/h | PM10-EPA2-A |  |
|  | O ring diam 27 cord 2 | G06-027\_0-2\_0-V |  |
|  | O ring 31,47 cord | G06-031\_4-1\_7-V |  |
|  | FPM V-ring (VS type) | G12-VS-22-FPM |  |
|  | Viton watertightness wash | P06-0203-A |  |
|  | Flexible sleeve | P06-0497-A |  |
|  | C14 Element | M03-C14-SOURCE-B |  |
|  | CPM Laser+Diaphragm | P10-1854-B |  |
|  | Optical sensor board CPM | C06-0388-A |  |
|  | **O3 41M** |  |  |
|  | 115/230V S 20-18-10-10-12-12V transformer | B01-0006-B |  |
|  | Display (LCD) | I03-0002-A |  |
|  | Fan 220v 50hz | V03-99-XU-A |  |
|  | Alphanumeric display 1 line | I03-CU-205-B |  |
|  | Transmission board RS232/422 | C02-C3-0010-C |  |
|  | Adaptation board 1 line DI | C06-0197-B |  |
|  | 0341M motherboard | C01-0201-B |  |
|  | Converter HT Ue:a15v Us: 11 | B06-HT-001-A |  |
|  | Convertissor V/F AD 652 AQ | E04-0652-A |  |
|  | Adjustable regulator 1.2V to 25V | E10-PA-01-25-A |  |
|  | Electro relay G 2E (1RT 12V) | E11-RE1RT-12-A |  |
|  | Electro relay G 2E (2RT 12 V) | E11-RE2RT-12-A |  |
|  | Electro relay 2RT 10A 220VAC | E11-RE2RT-220-A |  |
|  | Solid state relay MP240 | E11-RS-0001-A |  |
|  | Temperature sensor LM35CAZ | T05-LM-35-CAZ |  |
|  | MICRO III equipped board (RoHS) | C03-0053-L |  |
|  | Battery 2,4V 70mA | B02-40-RF-204 |  |
|  | Mercury lamp supply board | B05-0003-B |  |
|  | UV lamp supply transformer | B01-0009-A |  |
|  | Regulator (+5v) LM340 T5 | E10-P-005-C |  |
|  | Display interface board | C06-0127-I |  |
|  | V/F adaptation board | C06-0094-A |  |
|  | Pressure sensor board | C06-C4-0291-A |  |
|  | Electro valve with cable 220V | F01-0010-C |  |
|  | Maintenance kit for SV PVDF | F01-E033-000-A |  |
|  | Flow detector | F02-0001-D |  |
|  | Flow limiter N° 6 | F02-0027-A-SAV |  |
|  | Male elbow/bend DN4/6-G1/8PVDF | F03-1 0200 31-A |  |
|  | Teflon filter part | F05-0037-B-SAV |  |
|  | Ozone selective filter | F05-0096-A |  |
|  | Maintenance kit / ozone filter | F06-K-0010-A |  |
|  | Barosilicated Glass plate o50 | F05-04-81-352 |  |
|  | O ring diam52 cord 2 | G06-052 0-2 0-V |  |
|  | Set of 12 MNO2 grids o50 | P01-0153-A |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | Set of 2 dust filters for fan | SAV-K-000043-A |  |
|  | Dust filter power fan | 1 F05-5003-B |  |
|  | Complete ozone filter holder | SAV-K-000047-A |  |
|  | Filter flange Mn02 | P05-0172-A |  |
|  | Male elbow/bend DN4/6-G1/8PVDF | F03-1 0200 31-A |  |
|  | Complete ozone filter holder | P10-1286-A |  |
|  | WISA air pump | V02-0008-A |  |
|  | Maintenance kit for pump | V02-K-113-909-A |  |
|  | Optical block 0341M | M01-0040-B-SAV |  |
|  | Mercury ray lamp with cable "RoHS" | D01-0096-D |  |
|  | O ring diam 12.3 cord 2.6 | G06-012 3-2 6-V |  |
|  | O ring diam 12,42 cord 1,7 Viton | G06-012 4-1 7-V |  |
|  | O ring diam17.12 cord 2.6 | G06-017 1-2 6-V |  |
|  | UV detector | M02-5006-A-SAV |  |
|  | Spectrosil B polished discs | P07-0007-A |  |
|  | Mirror o21 ep, 1,7mm | P07-0016-A |  |
|  | Temperature sensor | T05-5002-B |  |
|  | Absorbtion chamber tube | SAV-K-000059-A |  |
|  | Equipped ozone generator | P10-0639-A-SAV |  |
|  | Not equipped ozone generator | F06-0010-F-SAV |  |
|  | Zinc lamp power supply board | C04-C4-0034-A |  |
|  | Mercury lamp with cable | D01-0099-B |  |
|  | Electrovalve with cable 220V | F01-0010-C |  |
|  | On line activ. charcoal filter | F05-SDN-A |  |
|  | WISA air pump | V02-0009-A |  |
|  | Maintenance kit for pomp WISA | V02-K-203-105-A |  |
|  | **O3 42M** |  |  |
|  | Power Supply 24V-4,5A-100W | B05-S-100F-24 |  |
|  | Interface liaison card | D01-0744-B |  |
|  | English equipped keyboard O342M | 1. 0007-B |  |
|  | Display (LCD) | 1. 0002-A |  |
|  | Module board 0342 | C01-0269-J |  |
|  | Estel board "RoHS" | C02-0232-H |  |
|  | RS4i board without cable | C02-C1-0271-A |  |
|  | LUV equipped board (O342M) | C04-C2-0361-C |  |
|  | Warming chamber board | C06-0286-F |  |
|  | Fluid control board | C06-0298-F |  |
|  | Display interface board "RoHS" | C06-C1-0127-E |  |
|  | AC32/O342 zero span option | P10-1156-E-SAV |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | 5 n PTFE Filter dia 47 | F05-11-842 |  |
|  | O3 mesuring module | P10-1186-D |  |
|  | Mercury ray lamp with cable "RoHS" | D01-0096-D |  |
|  | 3 ways SV with wire | D01-0749-D |  |
|  | T° probe set "RoHS" | D01-0761-C |  |
|  | Ozone selective filter | F05-0096-A |  |
|  | O ring diam 12,42 cord 1,7 Viton | G06-012\_4-1\_7-V |  |
|  | UV detector | M02-5019-E |  |
|  | Optical block tube | P08-0077-A |  |
|  | Wired pump 24V-50Hz (AF22/CO12/O342) | V02-0043-B |  |
|  | On line pump protect. filter | F05-IDN-10G |  |
|  | Shock absorber | V02-K-0041-A |  |
|  | Maintenance kit for pump | V02-0043-B |  |
|  | Ozone generator O342M | F06-0015-E |  |
|  | Lamp T° regulation board | C06-0296-F |  |
|  | Wired zinc light | D01-0784-C |  |
|  | On line activ. charcoal filter | F05-SDN-A |  |
|  | **CO11M** |  |  |
|  | 115/230V S 12-5,5-11-18-20V transformer | B01-0005-B |  |
|  | Display (LCD) | I03-0002-A |  |
|  | Fan 220V 50Hz | V03-99-XU-A |  |
|  | Alphanumeric display 2 lines | I03-CU-200-A |  |
|  | Adaptation board display 2 l. | C06-0198-B |  |
|  | Adaptation for alphanumeric display | I03-CU-200-A |  |
|  | Display holder | P10-0871-A |  |
|  | Display interface board | C06-0127-I |  |
|  | Mother board for CO11M | C01-C3-0002-E |  |
|  | Adjustable regulator l.2V to 25V | E10-PA-01-25-A |  |
|  | Electro relay G 2E (lRT 12V) | E11-RE1RT-12-A |  |
|  | Electro relay G 2E (2RT 12 V) | E11-RE2RT-12-A |  |
|  | Solid state relay MP240 | E11-RS-0001-A |  |
|  | Temperature sensor LM35CAZ | T05-LM-35-CAZ |  |
|  | MICRO III equipped board (RoHS) | C03-0053-L |  |
|  | Battery 2,4V 70mA | B02-40-RF-204 |  |
|  | Temperature sensor with cable | D01-0093-B |  |
|  | Flow detector | F02-0001-D |  |
|  | Flow limiter N° 6 | F02-0027-A-SAV |  |
|  | Teflon filter part | F05-0037-B-SAV |  |
|  | Complete internal zero filter | F05-0065-A-SAV |  |
|  | Dust filter power fan | F05-5003-B |  |
|  | O ring diam. 9.25 cord 2 | G06-009\_2-1\_7-V |  |
|  | O ring diam 44 cord 2 | G06-044\_0-2\_0-V |  |
|  | 3 ways inox electrovalve | SAV-K-000003-A |  |
|  | Body SV 3/2NF INOX Rpl/8 | F01-107-90-316 |  |
|  | Sol. T22, 220V 50Hz 4W | F01-430-04-155 |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | 5 u PTFE Filter dia 47 | F05-11-842 |  |
|  | Refill zero internal filter | SAV-K-000074-A |  |
|  | WISA air pump | V02-0008-A |  |
|  | Maintenance kit for pump | V02-K-113-909-A |  |
|  | Optical chamber CO11M | M01-0030-E-SAV |  |
|  | Motor for IR source | D01-0042-G-SAV |  |
|  | Optical fork with cable (Source block) | D01-0010-C |  |
|  | IR detector mounted/wired CO 11 | M02-5027-A |  |
|  | IR source mounted | M03-0004-B |  |
|  | Chamber cover gasket | P06-0157-C |  |
|  | Mono cell correlation wheel | P07-5001-A-SAV |  |
|  | Optical heating block | T01-0005-D |  |
|  | Power Supply 24V-4,5A-100W | B05-S-100F-24 |  |
|  | Interface liaison card | D01-0744-B |  |
|  | Wired 24V fan | D01-0758-C |  |
|  | Internal fan dust filter | F05-5023-B |  |
|  | English equipped keyboard CO12M | I02-0003-B |  |
|  | Display (LCD) | I02-0002-A |  |
|  | Module board | C01-0268-L |  |
|  | Estel board “RoHS” | C02-0232-H |  |
|  | RS4i board without cable | C02-C1-0271-A |  |
|  | Display interface board “RoHS” | C06-C1-0127-E |  |
|  | RTC boards | C06-0281-J |  |
|  | Fluid control board | C06-0298-F |  |
|  | Zero span option | P10-1191-E-SAV |  |
|  | 3 ways SV with wire | D01-0749-D |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | **CO12M** |  |  |
|  | CO measuring module | P10-1249-E |  |
|  | Internal zero filter | F05-0127-A-SAV |  |
|  | Equipped CO measuring chamber | M01-0054-A-SAV |  |
|  | IR Detector COl2M | M02-5021-E |  |
|  | Complete IR source (COl2M) | M03-0025-A |  |
|  | Wired pump 24V-50Hz (AF22/C012/0342) | V02-0043-B |  |
|  | Shock absorber | G10-LXA-55-D |  |
|  | Maintenance kit for pump | V02-K-0041-A |  |
|  | Power Supply 24V-4,5A-100W Monitor PC cable | B05-S-100F-24 |  |
|  | Thermocontact | D02-INF-09F09M |  |
|  | T° regulator CTRS program | T06-17-2-98-A |  |
|  | 24V fan w/ cable | T08-0049-A |  |
|  | Power Supply 24V-4,5A-100W monitor PC cable | V03-0005-B |  |
|  | SBT board "RoHS" | C06-0309-C |  |
|  | DAT board CTRS program | C06-0339-B |  |
|  | 3 ways SV with wire | D01-0749-D |  |
|  | Body w/ join 1/8G for EV127 | F01-127-628 |  |
|  | Body for elbow connection o4-o1/8G-o4 | P06-0052-A |  |
|  | Body for T shaped connection o4-o1/8G-o4 | P06-0058-A |  |
|  | Body for right connection o4-o1/8G | P06-0059-A |  |
|  | Equipped oven CTRS | P10-1380-A-SAV |  |
|  | TRS/NH3 OVEN | P10-1371-B |  |
|  | Quartz tube long.370 (T.R.S) | P08-0045-B |  |
|  | Thermocouple type K | T05-12-K-150 |  |
|  | SO2 filter CTRS-S2 | F05-0166-A-SAV |  |
|  | O ring 8x2 cord | G06-008\_0\_2\_0-V |  |
|  | Soda ash pack of 10g | SAV-X01-0007-A |  |
|  | Pure glasswool 1gr packet | SAV-X01-0010-B |  |
|  | **AC31M** |  |  |
|  | 115/230V 150VAS 12-5,5-11-18-20V transformer | B01-0001-B |  |
|  | DC 50mA 15V transfo. | B01-0003-A |  |
|  | Display (LCD) | I03-0002-A |  |
|  | Fan 220V 50Hz | V03-99-XU-A |  |
|  | Display interface board | C06-0127-I |  |
|  | Battery 2,4V 70mA | B02-40-RF-204 |  |
|  | Mother board AC3 lm | C01-C1-0002-D |  |
|  | Convertissor V/F AD 652 AQ | E04-0652-A |  |
|  | Double DAC AD 7549 KN | E04-7549-A |  |
|  | E2 PROM HY 93 C 46 or MSM 16811 RS | E06-EE001-A |  |
|  | Electro relay G 2E (1RT 12V) | E11-RE1RT-12-A |  |
|  | Electro relay G 2E (2RT 12V) | Ell -RE2RT-12-A |  |
|  | Electro relay 2RT 10A 220VAC | Ell -RE2RT-220-A |  |
|  | Solid state relay MP240 | E11-RS-0001-A |  |
|  | Temperature sensor LM35CAZ | T05-LM-35-CAZ |  |
|  | MICRO III equipped board (RoHS) | C03-0053-L |  |
|  | Battery 2,4V 70mA | B02-40-RF-204 |  |
|  | Transmission board RS2i | C02-0207-A |  |
|  | Dust filter power fan | F05-5003-B |  |
|  | On line pump protect filter | F05-IDN-10G |  |
|  | Active / vacuum cleaned vegetal coal | X01-0004-A |  |
|  | O ring diam 44 cord 2 | G06-044\_0-2\_0-V |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | 5 u PTFE Filter dia 47 | F05-11-842 |  |
|  | PM block NO-NOx AC31M | M01-000 l-F-SAV |  |
|  | Chopper motor with cable | D01-0009-A |  |
|  | Motor block AC31M | SAV-K-000097-A |  |
|  | Optical fork with cable (Source block) | D01-0010-C |  |
|  | Flow detector | F02-0001-D |  |
|  | Assembled restrictor PM o0,1 | F02-0008-A |  |
|  | Restrictor 0.2mm | F02-0009-A |  |
|  | Back ferrule | F03-6MM-FR-T |  |
|  | Stainless steel porous filter | F05-1200-170-A |  |
|  | Dust filter for PM fan AC31 | F05-5002-C |  |
|  | Ball bearing SKF | G03-S-W638/4-2Z |  |
|  | Drive belt for chopper motor | G05-0001-A |  |
|  | O ring diam 4.2 cord 1.9 | G06-004\_2-1\_9-V |  |
|  | O ring diam 47.3 cord 1.7 | G06-047\_3-1\_7-V |  |
|  | O ring diam 50.5 cord 1.7 | G06-050\_5-1\_7-V |  |
|  | O ring diam 75.8 cord 2.6 | G06-075\_8-2\_6-V |  |
|  | PM block NO-NOx AC31M | M01-0001-F-SAV |  |
|  | Equipped PM unit | M01-0002-B |  |
|  | Photomultipicator tube | M02-R-669-01-HA |  |
|  | Parabolic reflektor | P02-0027-B |  |
|  | Teflon restrictor gasket | P06-0013-B |  |
|  | Chamber heating system | T01-0001-E |  |
|  | Fan 220V 50Hz | V03-99-XU-A |  |
|  | Convertor NO-NO2 | F05-0000-A-SAV |  |
|  | Papyex air thighness gasket | P01-0250-B |  |
|  | Resistance w/ cable - molybdene converter AC31M | T01-0003-B |  |
|  | Thermocouple probe with cable | T04-0001-D-SAV |  |
|  | Molybdenum refill (55g) | SAV-K-000053-A |  |
|  | Convertor oven control board | C06-0020-D |  |
|  | Transfo P230V 50/60Hz S6V 58.3mA | B01-0019-A |  |
|  | Ozone gene power supply board | C04-0006-E |  |
|  | Complete ozoniser generator | F06-0000-B-SAV |  |
|  | Wired transformer TS 616E | B01-5001-D |  |
|  | O ring diam 32 cord 2 | G06-032\_0-2\_0-V |  |
|  | O ring diam 35 cord 2 | G06-035\_0-2\_0-V |  |
|  | Internal ozoner tube | P03-0008-B |  |
|  | Eqd ozoner glaus tube | P10-1091-C-SAV |  |
|  | Kit for ozoniser module | SAV-K-000048-A |  |
|  | Lilliput plug | E33-F01M-B |  |
|  | Liaison pin HT | P02-0037-A |  |
|  | Complete permapure dryer | F05-0002-B-SAV |  |
|  | Restrictor 0.1mm | F02-0010-A |  |
|  | Permeation dryer 1.20m | F05-PERM-003-A |  |
|  | Upper teflon restrictor gasket | P06-0009-A |  |
|  | Pressure sensor mounted | P10-1308-A-SAV |  |
|  | Pump with cable AC31M 230V/50Hz | V02-0003-C |  |
|  | Set of 2 Stainless steel valves | V02-N022-5-0340 |  |
|  | Set of PTFE diaphragm | V02-N026-11-2-A |  |
|  | Permeation bench | F06-0004-A-SAV |  |
|  | NO2 permeation tube for AC31M (non certified) |  |  |
|  | Heater Board | C06-0004-A |  |
|  | Temperature controller board | C06-0007-B |  |
|  | Restrictor 0.2 mm | F02-0011-A |  |
|  | Stainless steel porous filter | F05-1200-170-A |  |
|  | On line pump protect. filter | F05-IDN-10G |  |
|  | On line active. charcoal filter | F05-SDN-A |  |
|  | Outlet cap | P06-0024-A |  |
|  | Platinum probe w/ cable | D01-0850-E |  |
|  | 3EV option for AC31M | A01-C0005-A-SAV |  |
|  | Electrovalve 3 ways inox | S A V-K-000001 -A |  |
|  | SV 3/2 NC SS 1/8NPT | F01-107-90-315 |  |
|  | T22 220V 50Hz 2,5W bobbin | F01-430-04-422 |  |
|  | **AC32M** |  |  |
|  | Power Supply 24V-6,5A-150W | B05-S-150-24 |  |
|  | Interface liaison card | D01-0744-B |  |
|  | Wired 24V fan | D01-0758-C |  |
|  | English equipped keyboard AC32M | I02-0009-B |  |
|  | Display (LCD) | I03-0002-A |  |
|  | Fan 220V 50Hz | V03-99-XU-A |  |
|  | Module board AC32M | C01-0324-G |  |
|  | Estel board "RoHS" RS4 | C02-0232-H |  |
|  | Board without cable | C02-C1-0271-A |  |
|  | Display interface board | C06-0127-I |  |
|  | 3 ways SV with wire | D01-0749-D |  |
|  | PTFE tube 4x6 | F04-TF-004-006 |  |
|  | Black Teflon tube o2xo4 | F04-TFN-2\_0-4\_0 |  |
|  | On line pump protect. filter | F05-IDN-10G |  |
|  | "O" ring 8 x 3 viton | G06-008\_0-3\_0-V |  |
|  | O ring 10.82 x 1.7 viton | G06-010\_8-1\_7-V |  |
|  | AC32/0342 zero span option | P10-1156-E-SAV |  |
|  | Ozone generator power supply board | C04-0273-D |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | 5 u PTFE Filter dia 47 | F05-11-842 |  |
|  | PM Block Module (2004 version) | P10-1411-F |  |
|  | Maintenance kit for PM Block | F06-K-0016-F |  |
|  | Injector with seal (OZONE) | A01-K-C0035-A |  |
|  | Restrictor 0.1mm | F02-0010-A |  |
|  | Upper teflon restrictor gasket | P06-0009-A |  |
|  | Flow restrictor 0.31mm (Sampling) | A01-K-C0036-A |  |
|  | Flow restrictor 0.31mm | F02-0035-A |  |
|  | Upper teflon restrictor gasket | P06-0009-A |  |
|  | Pt 1000 probe with cable | D01-0765-E |  |
|  | O ring diam 35 cord 2 | G06-035 0-2 0-V |  |
|  | O ring diam 52 cord 2 | G06-052 0-2 0-V |  |
|  | Nitril O ring diam 65, cord 2 | G06-065 0-2 0-N |  |
|  | Photomultiplicator tube | M02-T9828 |  |
|  | Window flange | P02-1137-A |  |
|  | Upper teflon restrictor gasket | P06-0009-A |  |
|  | Filter flange (PM Block) | P06-0791-B |  |
|  | Isolation Window PM | P08-0001-B |  |
|  | Optical Filter | P08-0002-B |  |
|  | Converter furnace double sheating | P10-1392-C |  |
|  | RBC board-Converter (2004 vers) PICv1.2 340 | SAV-K-000099-A |  |
|  | Converter oven refill | F05-0144-A-SAV |  |
|  | Ozone generator module | P10-1265-G |  |
|  | Wired transformer AC32M | B01-5005-C |  |
|  | Ozone gene power supply board | C04-0273-D |  |
|  | Equipped ozoniser glass tube | F05-0133-B |  |
|  | Central electrode AC32M | P02-1384-B |  |
|  | Ozoner join set | SAV-K-000089-A |  |
|  | “O” ring 8 x 3 viton | G06-008\_0-3\_0-V |  |
|  | “O” ring 10.82 x 1.7 viton | G06-010\_8-1\_7-V |  |
|  | Permapure dryer AC32M | F05-0130-D-SAV |  |
|  | On line pump protect. filter | F05-IDN-10G |  |
|  | Permeation dryer 1.20m | F05-PERM-003-A |  |
|  | Distributor (Internal Dryer) | P02-1787-A |  |
|  | Barometric sensor set | F02-0053-I-SAV |  |
|  | Active / vacuum cleaned Vegetal coal | X01-0004-A |  |
|  | External air compressor 220V-50Hz | V02-0038-B220-50-SAV |  |
|  | Maintenance kit for pump | S A V-K-000091 -A |  |
|  | Set of 2 Stainless steel valves | V02-N022-5-0340 |  |
|  | Head pump set | V02-N022-5-0343 |  |
|  | Set of PTFE diaphragm | V02-N026-11 -2-A |  |
|  | Updated kit for new active coal cartridge | F05-0225-A-SAV |  |
|  | Becker air pump 220V-50/60Hz | V02-0057-A-SAV |  |
|  | Charcoal cartridge kit | F05-K-0011-B |  |
|  | Kit for pump VT4.4 | SAV-K-000098-B |  |
|  | Permeation bench | F06-0018-C |  |
|  | N02 wafer device type 50F3 uncertified | 140-653-0081 |  |
|  | Temperature controller board | C06-0007-B |  |
|  | Liaison cable permeation bench | D01-0780-A |  |
|  | On line pump protect. filter | F05-IDN-10G |  |
|  | Kit for upgrading module card AC32 | SAV-K-000151 -A |  |
|  | Module board AC32M | C01-0324-G |  |
|  | Connecting adaptation board permeation bench | C06-C1-0325-A |  |
|  | Connecting adaptation board convert AC32 | C06-C2-0325-A |  |
|  | PM block module (2004 version) | P10-1411-F |  |
|  | Permeation bench | F06-0018-C |  |
|  | Bench adaptation kit AC32 | SAV-K-000103-A |  |
|  | Module board AC32M | C01-0324-G |  |
|  | Connecting adaptation board convert AC32 | C06-C2-0325-A |  |
|  | Converter part (120 grids) | F05-0209-A-SAV |  |
|  | Furnace adaptation kit AC32 | S A V-K-000102-A |  |
|  | Connecting adaptation board convert AC32 | C06-C3-0325-A |  |
|  | EPROM with VI.24 soft loaded | SAV-K-000120-A |  |
|  | **VOC71M** |  |  |
|  | Interface liaison cable | D01-0453-A |  |
|  | Board ventilator | D01-0636-B |  |
|  | Cabled column fan | D01-0639-C |  |
|  | RS2 Liaison | D01-0644-A |  |
|  | Complete main power cord | D02-CS-002-A |  |
|  | 6 pads keyboard bare part. LCD screen | CL-0003-A |  |
|  | Display (LCD) | 103-0002-A |  |
|  | Switch cable | D01-0748-E |  |
|  | Equipped electrometer PID version | P10-0918-B-SAV |  |
|  | Switch cable | P10-1346-B-SAV |  |
|  | Equipped electrometer FID power supply VOC71M | P10-1256-A SAV |  |
|  | Mother board VOC71M | C01-0184-G |  |
|  | Logic input/output board LIO16 | C02-0043-E |  |
|  | DAC 8 channels output board | C02-C3-0121-D |  |
|  | MICRO III equipped board (RoHS) | C03-0053-L |  |
|  | Display interface board | C06-0127-I |  |
|  | Pressure sensor board (VOC71M) | C06-0194-B |  |
|  | Solenoid valve with cable | D01-0640-B |  |
|  | Equipped Proportional Solenoid Valve PID | F01-0086-A-SAV |  |
|  | Assembled Restrictor PM o0.1 | F02-0008-A |  |
|  | Back ferrule | F03-6MM-FR-T |  |
|  | Inox reductor union tube 1/8 | F03-SS-200-6-1 |  |
|  | Teflon filter part | F05-0037-B-SAV |  |
|  | Dust filter for fan | F05-5015-B |  |
|  | Dust filter | F05-5019-B |  |
|  | Pipe N° 3 PID | P00-0093-E- SAV |  |
|  | H2/VOC Inox tube 1/16 | P00-0107-A-SAV |  |
|  | Sampling tube heater | P10-0914-C-SAV |  |
|  | Sampling tube (VOC71) | P10-1045-B-SAV |  |
|  | Preconcentrator tube heater | P10-0917-C- SAV |  |
|  | Preconcentrator tube | P10-1048-A-SAV |  |
|  | Equipped Proportional Solenoid Valve PID | F01-0086-A-SAV |  |
|  | Box of 25 teflon membranes | SAV-K-000042-A |  |
|  | 5 n PTFE Filter dia 47 | F05-11-842 |  |
|  | P.I.D. VOC71M | P10-1022-C-SAV |  |
|  | PID lamp for VOC71MPI | D01-0772-A |  |
|  | O ring 14cord 1 | G06-014-1 78-V |  |
|  | Collective electrode type 1 (PID) | P02-1054-B |  |
|  | Washed kit for window | SAV-K-000095-A |  |
|  | PID column | P10-1288-C-SAV |  |
|  | Internal pump 220V VOC71M | V02-0031-B-SAV |  |
|  | Shock absorber LX-A55 | G10-LX-A55 |  |
|  | Maintenance kit for pump | V02-K-0013-A |  |
|  | Permeation bench | F06-0004-A-SAV |  |
|  | Benzene permeation tube for VOC71M (non certified) | - |  |
|  | Heater board | C06-0004-A |  |
|  | Temperature controller board | C06-0007-B |  |
|  | On line activ. charcoal filter | F05-SDN-A |  |
|  | Maintenance kit for pump | SAV-K-000091-A |  |
|  | Set of 2 stainless steel valves | V02-N022-5-0340 |  |
|  | Head pump set | V02-N022-5-0343 |  |
|  | Set of PTFE diaphragm | V02-N026-11-2-A |  |
| Viso (bendra 1-598 eilutės suma) Lt, be PVM: | | |  |

**II. Pirkimo dalis. Atsarginės dalys ir eksploatacinės medžiagos įrangos, pagamintos „Horiba Ltd“**

|  |  |  |  |
| --- | --- | --- | --- |
| Eil.  Nr. | Prekė | Prekės kodas | Vieneto kaina Lt be PVM |
|  | **APDA-371 (BAM1020)** |  |  |
|  | Filter Tape Roll, Glass Fiber, 60+ days per roll 30mm x 21m | 460130 |  |
|  | Cotton-Tipped Applicators, nozzle cleaning, 100 pack Solon #362 | 995217 |  |
|  | APDA-371 service tool kit: includes nozzle shims, spring scales, reel spacer, filter sensor removal tool | BX-308 |  |
|  | Leak test rubber nozzle seal | 7440 |  |
|  | Membrane assembly, replacement, 0.800 mg/cm2 | 8069 |  |
|  | Membrane assembly, mid-range, 0.500 mg/cm2 | BX-301 |  |
|  | Mass flow calibration kit, 0-20 SLPM | BX-303 |  |
|  | Flow inlet adapter kit (leak test valve) | BX-305 |  |
|  | Zero filter calibration kit, with valve required for PM2.5 FEM monitoring same as BX-305 but with 0.2 micron filter | BX-302 |  |
|  | Volumetric flow calibration kit (BGI Delta Cal™) Flow, Temp, and Pressure Reference Standards HORIBA recommended flow meter | BX-307 |  |
|  | Pump, gast, rotary vane, 230 VAC, 50 Hz | BX-122 |  |
|  | Muffler, medo/gast pump, replacement | 580293 |  |
|  | Pump rebuild kit, gast | 680828 |  |
|  | Pump service kit, filter replacement, medo | 8588 |  |
|  | Pump controller (relay module) medo/gast | BX-839 |  |
|  | Flow sensor, mass, 0-20 LPM, Internal Assembly | 80324 |  |
|  | Flow controller assembly, replacement only | 8776 |  |
|  | Automatic flow controller upgrade kit | BX-961 |  |
|  | Filter Assembly, Pisco In-line | 580291 |  |
|  | Filter Element Only, Pisco In-line | 580292 |  |
|  | Filter Temperature and RH Sensor Kit | BX-962 |  |
|  | Filter rh sensor replacement only | 9278 |  |
|  | Filter temperature sensor replacement only | 9279 |  |
|  | Nozzle, stainless steel, replacement part | 8009 |  |
|  | Nozzle spring, replacement | 2998 |  |
|  | O-ring, nozzle | 720066 |  |
|  | O-Ring, Inlet Receiver, 2 required | 720069 |  |
|  | O-ring kit, APDA | 9122 |  |
|  | Pump tubing, clear, 10mm O.D., 6.5mm I.D. polyurethane, 25 foot roll standard | 960025 |  |
|  | Display, LCD, front panel | 2823 |  |
|  | Circuit board, CPU | 3230-8 |  |
|  | Circuit board, interface | 3250-1 |  |
|  | Circuit board, rear panel interconnect | 3260-1 |  |
|  | Fuse, APDA-371, 3.15A, 250V, 5x20mm, 2 Req’d | 590811 |  |
|  | Motor, with gear box, 4 RPM | 8105-1 |  |
|  | Motor, with gear box, 10 RPM | 8106-1 |  |
|  | Power supply, 230 VAC, 50 Hz | BX-231 |  |
|  | PM10 inlet head, EPA specified | BX-802 |  |
|  | PM2.5 sharp cut cyclone | BX-807 |  |
|  | PM2.5 WINS impactor | BX-804 |  |
|  | Inlet Tube Coupler Assembly, with o-rings Connects two inlet tubes together Inlet tube sold separately | BX-821 |  |
|  | Smart heater option, 230 VAC | BX-830 |  |
|  | O-rings, cyclone, set of 6 | 720097 |  |
|  | O-rings, PM10 head, set of 3 | 8965 |  |
|  | 592 ambient temperature sensor | BX-592 |  |
|  | 596 AT/BP combo sensor | BX-596 |  |
|  | Real-time module (RTM), APDA inlet particle sensor | BX-894 |  |
|  | Serial Cable, 6’, DB-9 female/female, null, APDA to PC | 400658 |  |
|  | Grease, O-RING, dielectric silicone, 5 gram packets | 995712 |  |
|  | PM2.5 very sharp-cut cyclone, 16.7LPM | BX-808 |  |
|  | BAM inlet cleaning kit | BX-344 |  |
|  | Pump controller - medo pump | BX-139 |  |
|  | Repl. Board stack assy - BAM 1020 | 9304 |  |
|  | Nozzle Rebuild Kit | 80355 |  |
|  | PM2.5 cyclone o-ring kit | 720105 |  |
|  | Ball slide, adjusted | 80545 |  |
|  | BAM-1020 door assembly | 9628 |  |
|  | 40W switching power supply module, with harness | 80315 |  |
|  | Core tube, filter tape, BAM 1020 | 8150 |  |
|  | 3 volt coin style battery | 390044 |  |
|  | RS232 cable DB9F to DB9F, null modem | 2443 |  |
|  | BAM filter tape spool cover w/knob | 80159 |  |
|  | BAM 1020 rear panel assembly | 80679 |  |
|  | Replacement water collection jar for PM-10 head | 580331 |  |
|  | Replacement 0.2 micron filter for BX-302 | 460134 |  |
|  | Nozzle adjustment shims | BX-310 |  |
|  | Filter/muffler, gast pump (AK840A) | 680868 |  |
|  | End cap assy, gast pump (AK526) | 680854 |  |
|  | Foot support, gast pump (AC136) | 680870 |  |
|  | **APOA-370** |  |  |
|  | Sample filter element (25 pcs.)  Membranfilter 5 µm, PTFE Ø54mm | 1000063837 |  |
|  | O-Ring G-50 FPM | 3014059499 |  |
|  | DO pipe, filled, glass tube  Glasrohr DO-katalysator | 3014061445 |  |
|  | Only the Material for DO pipe, Silverwool 10g/set | 1000064134 |  |
|  | Lamp Hg- Pen Ray | 1000063664 |  |
|  | SV Unit, WTB-3K-N1F-3 | 3014034340 |  |
|  | Pump diaphragm and valve | 3200044033 |  |
|  | Pump unit (230 V), Japanese Type GS-6EH | 3014061682 |  |
|  | UV-lamp for internal SGGU | 1000066598 |  |
|  | Lithium battery, CR2032 | 3200043671 |  |
|  | LCD display | 3014035613 |  |
|  | **APNA – 370** |  |  |
|  | Sample filter element (25 pcs.)  Membranefilter 5µm PTFE Ø54mm | 1000063837 |  |
|  | DO unit | 3200043513 |  |
|  | UV lamp unit | 3014038054 |  |
|  | UV-liner | 3200044415 |  |
|  | PPD unit, HRB-01 | 3200044461 |  |
|  | CATALYZER PIPE | 3014056464 |  |
|  | Material for converter pipe, 25gr. | 3014054002 |  |
|  | Air filter 0,3 micron | 3200082322 |  |
|  | Silicagel | 1000064223 |  |
|  | O-ring JISB 2401 | 3030049099 |  |
|  | F-packing FPM | 3012129804 |  |
|  | Scrubber, BAA-050  Feuchtigkeitsauffänger BAA-050 50 ml | 3014061530 |  |
|  | SV unit WTA-2K-MFF-1 | 3014035610 |  |
|  | Pump diaphragm and valve | 3200044033 |  |
|  | Pump unit (230V), Japanese Type GD-6EH-220,230V | 3014061637 |  |
|  | Lithium battery, CR2032 | 3200043671 |  |
|  | LCD display | 3014035613 |  |
|  | **APMA – 370** |  |  |
|  | Sample filter element (25 pcs.)  Membranfilter 5 µm, PTFE Ø54mm | 1000063837 |  |
|  | Catalyzer pipe filled HP-10D2 | 3014059457 |  |
|  | Material for catalyzer pipe, 40 GR/set.  HP-10D2 | 3030055624 |  |
|  | Filter, DFI-BN-50K | 1000067434 |  |
|  | O-ring G-70 FPM JISB 2401 | 3030049099 |  |
|  | F-packing FPM | 3012129804 |  |
|  | Scrubber, BAA-050 50 ml | 3014061530 |  |
|  | SV Unit, WTB-3K-N1F-3 | 3014034340 |  |
|  | Pump diaphragm and valve | 3200044033 |  |
|  | Pump unit (230V),Japanese Type  GD-6EH-220 | 3014061637 |  |
|  | Lithium battery, CR2032 | 3200043671 |  |
|  | LCD display | 3014035613 |  |
|  | **APSA – 370** |  |  |
|  | Sample filter element (25 pcs.)  5 µm, PTFE Ø54mm | 1000063837 |  |
|  | HC cutter | 3014059458 |  |
|  | Xenon lamp L4646 | 1000064300 |  |
|  | Air filter (for purge) | 3200082322 |  |
|  | O-ring G-50 FPM | 3014059499 |  |
|  | Scrubber, ESU-050A | 3200092415 |  |
|  | Pump diaphragm and valve | 3200044033 |  |
|  | Pump unit (230V), Japanese Type GD-6EH | 3014061637 |  |
|  | Lithium battery, CR2032 | 3200043671 |  |
|  | LCD display | 3014035613 |  |
|  | **APOA-360** |  |  |
|  | Filtravimo elementas | 803003 |  |
|  | Siurblio diafragma ir vožtuvas | 9022002900 |  |
|  | Tarpinė | U801150900 |  |
|  | Gyvsidabrio garų lempa | 802650 |  |
|  | Vožtuvas | U801004100 |  |
|  | Sidabro vilnos katalizatorius | 12140000D001 |  |
|  | Gyvsidabrio garų lempa | 802650 |  |
|  | Siurblio diafragmos vožtuvas | 90220029008 |  |
|  | **APNA-360** |  |  |
|  | Katalizatorius | 12340100J012 |  |
|  | Siurblio diafragmos vožtuvas | 90220029008 |  |
|  | Oro siurblys | 9022007000 |  |
|  | **APSA-360** |  |  |
|  | Oro filtras | 1231400D002 |  |
|  | Ksenoninė lempa | 12373400D007 |  |
|  | Skruberis ENDA-1000 | 12540100J002 |  |
|  | Oro siurblys | 9022003500 |  |
|  | **APMA-360** |  |  |
|  | Oro filtras | 1231400D002 |  |
|  | Vožtuvas | - |  |
|  | Oro siurblys | - |  |
|  | **GPS-5** |  |  |
|  | Main board | - |  |
|  | Pump 30 l/min | - |  |
|  | PTFE tubing ID 2 mm OD 3 mm | - |  |
|  | PTFE tubing ID 4 mm OD 6 mm | - |  |
| Viso (bendra 1-141 eilutės suma) Lt, be PVM: | | |  |

**III. Trečioji pirkimo dalis. Atsarginės dalys ir eksploatacinės medžiagos įrangos, pagamintos „Tekran Instruments Corporation“**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Hg garų lempa | 90-25180-01 |  |
|  | Oro siurblys | - |  |
|  | 1/8" diameter, 10 micron frit | 30-25800-000 |  |
|  | Vožtuvas | 35-25505-12 |  |
|  | 3 vožtuvų sistema | 35-25506-12 |  |
|  | “O” oro sistema | 30-25355-00 |  |
|  | “O” oro reguliatorius | 30-25170-00 |  |
|  | Dalelių filtras | 50-25010-00 |  |
|  | Septa, 20 vnt. pakuotėje | 90-25110-20 |  |
|  | 0,2 µm filtras, 20 vnt. pakuotėje | 90-25102-20 |  |
|  | „O“ dujų reguliatorius | 30-25170-00 |  |
|  | Skruberio filtras | 30-25260-00 |  |
|  | Akių apsauga | G-01662-14 |  |
|  | Atsarginių medžiagų rinkinys | 80-11253-00 |  |
|  | PTFE tubing ID 4 mm OD 6 mm | - |  |
| Viso (bendra 1-15 eilutės suma) Lt, be PVM: | | |  |

**IV. Pirkimo dalis. Atsarginės dalys ir eksploatacinės medžiagos įrangos, pagamintos „Syntech spectras B.V.“ ir „AMA Instruments“**

|  |  |  |  |
| --- | --- | --- | --- |
| **„Syntech spectras B.V.“ įrangos atsarginės dalys ir eksploatacinės medžiagos** | | | |
|  | PID detector head with electrodes | 1000 |  |
|  | PID lamp 10.6 eV conditioned. 'O'-ring included | 1004 |  |
|  | PID lamp 10.6 eV unconditioned. 'O'-ring included | 1004A |  |
|  | FID detector for GC955 | 1006 |  |
|  | FID detector for Alpha/Delta | 1006A |  |
|  | TCD filament (single) | 1009 |  |
|  | Ten port valve complete | 1055 |  |
|  | Diaphragm for ten port valve | 1056 |  |
|  | Hydrogen valve for 955 | 1060 |  |
|  | Sample system valve set. | 1066 |  |
|  | Column complete. | 1100 |  |
|  | Column SY-1 13/2m 0.32mm 1μ | 1100D |  |
|  | Column SY-1 28/2m 0.32mm 1μ for 611/615 | 1100E |  |
|  | Column SY-5 13/2m 0.32mm 1μ for 601 | 1100F |  |
|  | Column SY-624 13/2m 0.32mm 1.8μ for 601 | 1100G |  |
|  | Column SY-AL2O3 10/5m 0.32mm 5μ 811/815 | 1100H |  |
|  | Column SY-SULFUR 28/2m 0.32mm 4μ for 810 | 1100J |  |
|  | Preconditioned packed column set. GC serial number required. | 1101 |  |
|  | Fused silica adapter 0.5 mm ID.Set of 4 pieces for use with 0.32mm capillary column. | 1103 |  |
|  | Fused silica adapter 0.8 mm ID. Set of 4 pieces for use with 0.53mm capillary column. | 1104 |  |
|  | Sample loop complete 2ml | 1150 |  |
|  | Analytical tubing set for GC955 PID. Complete with all fittings | 1151 |  |
|  | Analytical tubing set for GC955 PID/FID. Complete with all fittings | 1151F |  |
|  | Analytical tubing set for GC 955 FID | 1151H |  |
|  | Inline Filter set. Activated carbon filter set of 2, replace filter according to picture. | 1153 |  |
|  | Precon. tube complete with thermo couple and two ferrules. | 1156 |  |
|  | Precon. tube Tenax GR GC955. Complete with thermo couple and two ferrules. | 1157 |  |
|  | Sample cylinder. | 1162 |  |
|  | Carrier gas pressure sensor. | 1170 |  |
|  | Sample pump 2.5 l/min 12V. | 1173 |  |
|  | Pressure reducer. | 1175 |  |
|  | Sample pump 2.5 l/min 12V teflon. | 1178 |  |
|  | Sample loop complete 500 μL. | 1181 |  |
|  | Sample loop complete 250 μL. | 1181A |  |
|  | Returned precon. tube cooled V2. | 1188 |  |
|  | Precon. tube cooled V2 for 811/815. For GC955 with serial number higher than #2000. | 1198 |  |
|  | Precontube cooled V2 for 810. For GC955 with serial number higher than #2000. | 1199 |  |
|  | Precontube cooled V2 for 114. For GC955 with serial number higher than #2xxx. | 1200 |  |
|  | Precontube cooled V2 special. For GC955, please specify serial number and filling. | 1205 |  |
|  | GC oven heating element. For use on 220Vac. | 2000 |  |
|  | Ventilator 12Vdc with dust filtre. | 2005 |  |
|  | Precon transformer 220 Vac. | 2008 |  |
|  | Cooled precon transformer 220 Vac V2. | 2010A |  |
|  | Oven door shutter complete. | 2012 |  |
|  | Oven door piston. | 2013 |  |
|  | Ventilator motor Premotec 4 wire (V2). Used in GC955 with serial number higher than #2000. | 2014 |  |
|  | Ventilator motor Premotec 4 wire (V2). Used in GC955 with serial number lower than #2000. | 2015 |  |
|  | Hard disk 2.5 inch PATA. For Alpha and Delta with serial number lower than 5000. | 3000 |  |
|  | Computer board for GC955 | 3004 |  |
|  | MFC Brooks 0.10 ml/min for GC955. Type Brooks. | 3011 |  |
|  | Computer rebuild kit GC955 complete, included: computer board, hard disc with programs, front panel, LCD with touch screen. | 3004R |  |
|  | MFC Brooks 0.10 ml/min for GC955. Type Brooks. | 3006 |  |
|  | Computer power supply ACE-716A | 3011 |  |
|  | High voltage board PID | 3051 |  |
|  | High voltage cable for PID. | 3052 |  |
|  | Signal cable for PID. | 3053 |  |
|  | MX8-BIG electronic board PID for GC955. | 3055 |  |
|  | MX8-BIG electronic board PID/FID. With PID/FID. | 3056 |  |
|  | MX8 electronic board PID for GC955. | 3057 |  |
|  | MX8 electronic board PID/FID for GC955. | 3058 |  |
|  | Power supply for PID (220 Vac). | 3061 |  |
|  | Power supply PID/FID (220Vac). | 3063 |  |
|  | I/O board (terminal strip). | 3065 |  |
|  | Sample cylinder electronic board. For use with a standard precon and a cooled precon and a four wire connected oven motor (V2). Standard used in GC955 with serial number higher than #2000. | 3067 |  |
|  | Computer rebuild/upgrade kit GC955. For upgrade from PCM computer board. Contains: new computer board,, LCD screen, frontpanel, connection cables, hard disc, Windows WPe. | 3088 |  |
|  | Dust filter holder Teflon PFA (25 mm). | 5500 |  |
|  | Dust filter membranes 25 mm (10x). | 5501 |  |
|  | Dust filter holder Teflon PFA (47 mm) | 5502 |  |
|  | Dust filter membranes 47 mm (10x). | 5503 |  |
|  | Permapure sample dryer extra long 24“ | 5504A |  |
|  | Deionizer bag (set of 2). For the anual need for Sonimix 3080 H2 generator. | 8808 |  |
|  | Refill for CH4 scrubber air generator. Including stainless steel seal. For Sonimix 3080 Zero air generator. | 8009 |  |
|  | Maintenance kit compressor air generator. Kit of diaphragm and valves (popets) for the compressor. Sonimix 3080 air generator. | 8010 |  |
|  | Color LCD screen. | 8015 |  |
|  | Maintenance kit air generator (4 CA + 4 MS + filter for the pump + filter for the automatic purge). Sonimix 3080 air generator. | 8016 |  |
|  | Maintenance kit GC 955 PID for 1 year contains : 1 x 1153 inline filterset,1 x 1157 precontube tenax GR. | 8017 |  |
| **„AMA Instruments“ įrangos atsarginės dalys ir eksploatacinės medžiagos** | | | |
|  | Inline filter - 1/8" - 2 micron | 00000427 |  |
|  | Replacement rotor seal for 6 port valve | 00000242 |  |
|  | Spare enrichment tube for BTX module | 00000220 |  |
|  | Cooling fan for enrichment stage | 00000131 |  |
|  | Back panel fan GC 5000 BTX | 00001253 |  |
|  | GC 5000 oven motor | 00001254 |  |
|  | Assembly pump for GC4000 and GC5000 | 00000562 |  |
|  | GC Column | 00001310 |  |
|  | Maintenance kit FID (FID jet, sealing) | 00010000 |  |
|  | Control Board for electric acutator | 00000523 |  |
|  | Touchscreen monitor | 00000561 |  |
|  | Glow plug for FID VE5 contains 5 pcs. | 00000363 |  |
|  | Power Supply complete 1,5 A | 00002393 |  |
|  | Power Supply modified for GC 5000 | 00000582 |  |
|  | Micro controller board | 00001248 |  |
|  | Electric actuator for 6-port valve | 00000825 |  |
|  | Pressure regulator | 00001440 |  |
|  | Mass flow controller 5-50 Nml/min | 00001303 |  |
|  | Oven shutter control board | 00001307 |  |
|  | Signal cable | 00002071 |  |
|  | Solid state disc with operating system and software installed | 00002026 |  |
|  | Heating element with connector ready-for-use | 00001009 |  |
|  | Peltier Element 30x30 | 00000138 |  |
|  | Repair kit for column | 00000189 |  |
|  | RAM module | 00004259 |  |
|  | Carrier gas fitting | 00000192 |  |
|  | PC/104 board for serial ports | 00000357 |  |
|  | PC mainboard pcs. contains 1 pcs. | 00002106 |  |
|  | Fused silica adapter for GC Column | 00000449 |  |
|  | Motor for oven shutter control | 00000188 |  |
|  | FID amplifier | 00001119 |  |
|  | A/D Converter Model 203 | 00000224 |  |
|  | 230 V power switching board | 00000630 |  |
|  | GC 5000 Motherboard | 00001320 |  |
|  | PTFE tubing ID 2 mm OD 3 mm | - |  |
|  | PTFE tubing ID 4 mm OD 6 mm | - |  |
| Viso (bendra 1-112 eilutės suma) Lt, be PVM: | | |  |

**V. Pirkimo dalis. Atsarginės dalys ir eksplotacinės medžiagos įrangos, pagamintos „Eigenbrodt GmbH“, „MCZ GmbH“, „Envitech Bohemia“, „Campbell Scientific Ltd.“, „Sven leckel Ingenieurburo GmbH“, Wika“, „E+E elektronik“.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Eigenbrodt GmbH įrangos atsarginės dalys ir eksploatacinės medžiagos** | | | |
|  | Stiklinis „Duran“ 5000 ml mėginio surinkimo indas | - |  |
|  | Kritulių jutiklis | - |  |
| **„MCZ GmbH“ įrangos atsarginės dalys** | | | |
|  | Masės srauto greičio matuoklis KAL-WK-MSM-GP-6 | \_ |  |
| **„Envitech Bohemia“ įrangos atsarginės dalys** | | | |
|  | A/D keitiklis meteorologiniams jutikliams | - |  |
|  | LCD ekranas AURES 2008 | - |  |
|  | Mikroprocesorinė plokštė AURES 2008 | - |  |
| **„Campbell Scientific Ltd.“ įrangos atsarginės dalys** | | | |
|  | Duomenų kaupiklis | CR1000 |  |
|  | Drėgmės jutiklis | HMPC 45C |  |
|  | Temperatūros ir drėgmės jutiklis | 43347 NIST |  |
|  | Temperatūros jutiklis | 107 Thermistor |  |
|  | Vėjo greičio ir krypties jutiklis | Windsonic SDI12 |  |
|  | Ventiliuojama apsauga nuo saulės radiacijos | 43502 |  |
|  | Slėgio jutiklis | CS 100 SETRA |  |
|  | PAR jutiklis | SKP215 PAR |  |
|  | Piranometras | CMP6 |  |
|  | Kritulių jutiklis | 52202 RM Young |  |
|  | Sniego jutiklis | SR50A |  |
|  | Duomenų kaupiklis | CR5000 |  |
| **„Sven leckel Ingenieurburo GmbH“ įrangos atsarginės dalys ir eksploatacinės medžiagos** | | | |
|  | Oro siurblys | MVS6 |  |
|  | Filtrai, 47 mm, tefloniniai (1 pak/100 vnt.) | - |  |
|  | Filtrai, 47 mm, stiklo pluošto (1 pak/100 vnt.) | - |  |
|  | Silikoninis vakuuminis tepalas | - |  |
|  | Filtrų kasetės su filtrų laikikliu | - |  |
|  | Filtrų transportavimo lagaminaėlis | - |  |
|  | KD10 mėginių paėmimo galva SEQ 47/50 | - |  |
|  | KD2,5 mėginių paėmimo galva SEQ 47/50 | - |  |
|  | Filtrų temoeratūros jutiklis SEQ 47/50 | - |  |
|  | Slėgio jutiklis SEQ 47/50 | - |  |
|  | SEQ 47/50 maitinimo šaltinis | - |  |
|  | SEQ 47/50 pagrindinė plokštė (motherboard) |  |  |
|  | SEQ 47/50 (complete) |  |  |
| **„Wika“ įrangos atsarginės dalys** | | | |
|  | Slėgio jutiklis | UT-10 |  |
| **„E+E Elektronik“ įrangos atsarginės dalys** | | | |
|  | Srauto greičio jutiklis | HA040401 |  |
|  | Kontroleris | OMNIPORT 20 |  |
| Viso (bendra 1-34 eilutės suma) Lt, be PVM: | | |  |

**VI. Pirkimo dalis. Atsarginės dalys ir eksplotacinės medžiagos įrangos, pagamintos „Axiomtec“, „Komsetas“, „Eaton“ ir „Narda STS“.**

|  |  |  |  |
| --- | --- | --- | --- |
| **„Axiomtec“ įrangos atsarginės dalys** | | | |
|  | Procesorius | eBOX830-831-FL |  |
|  | Procesorius | eBOX730-860-FL |  |
|  | Procesorius | rBOX120-2COM |  |
|  | Procesorius | tBOX321-870-FL |  |
| **„Komsetas“ įrangos atsarginės dalys** | | | |
|  | „Wika“ sujungimo kontroleris | - |  |
|  | Modemas | ES75 |  |
|  | Vaizduoklis 19“ LCD-KVM | ROLINE 26.50.0081-1 |  |
|  | Išorinis HDD 3 TB | - |  |
|  | Atminties modulis | SDMSPD-032G-B35 |  |
|  | Atminties modulis | SDSDXPA-064G-X4 |  |
|  | SNMP įrenginys 10/100 | ES-108A/8 |  |
|  | GSM signalo priėmimo modulis išorinis | - |  |
|  | GSM signalo priėmimo modulis vidinis | - |  |
|  | Vidinis HDD 1 TB SATA II | - |  |
| **„Eaton“ įrangos atsarginės dalys** | | | |
|  | 9140 UPS akumuliatorių baterijų komplektas | 103004728-6591 |  |
|  | 9140 UPS elektronikos modulis | - |  |
|  | Web/SNMP nuotolinio valdymo blokas | 116750221-001 |  |
| **„Narda STS“ įrangos atsarginės dalys** | | | |
|  | Kaupiklis | NBM-550 |  |
|  | Zondas | EF0691 |  |
|  | Zondas | EF0391 |  |
|  | Zondas | EF1891 |  |
|  | Zondas | HF3061 |  |
|  | Zondas | HF0191 |  |
|  | Zondas | EX5091 |  |
| Viso (bendra 1-24 eilutės suma) Lt, be PVM: | | |  |

Prekės turi būti pristatytos pirkėjui per 35 dienas nuo sutarties įsigaliojimo. Pristatymas į Aplinkos apsaugos agentūrą, A. Juozapavičiaus g. 9-25, LT 09331.

Turi būti pateikti gamintojo techniniai aprašai, įrodantys atitikimą aukščiau išvardintose Techninėse specifikacijose nurodytiems techniniams reikalavimams.