



CATALOGUE

The blood analyzers for medical laboratories

Catalogue №1.2007

Prices for clinics without discounts are specified in this catalogue. (Delivery, customs payments, commissioning and training of the personnel are not included.)

Catalogue includes own production KwertyMed enterprise and production of firms, whose production is used KwertyMed as spare parts and consumable items.

The training of the experts, sent to Ufa, is spent free-of-charge.

The warranties for all of devices are 2 years from moment of delivery.

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Automatic electrolyte analyzer AEC-01 (K/Na, K/Na/Cl, K/Na/Ca/pH)

It is intended for measurement of concentration of ions **sodium, potassium, chlorine, calcium and pH** in whey or plasma of blood. Service is reduced to replacement solutions.

Technical characteristics**Convenience in work:**

- Fully automated;
- Deep self-diagnostics
- Input of sample from any laboratory utensils;
- Build-in thermo printer.

Profitability:

- Cost 1 analysis (Spare parts and consumable items) – 0.16 US\$.
- Working life of the electrodes - more than 1 year.

Reliability:

- The minimal influence of the human factor on the device;
- The mode " Standby " (provides trouble-free operation in case of long-term deenergizing).

Simplicity in service:

- Absence adjusting procedures;
- All reagents are ready for the use;
- The electrodes do not require service and easily are substituted;
- Automatic monitoring of a condition of electrodes;
- Automatic control of the solutions charge.

Characteristics:

- Not volatile memory for 200 results;
- Measuring range of concentration:

pH	6.000...8.400 pH;
K ⁺	0,20...40.00 mmol/l;
Na ⁺	20.0...200.0 mmol/l;
Ca ⁺⁺	0.10...6.00 mmol/l.
Cl ⁺	25...200 mmol/l.

- The unit of the least category of the device's digital indicator within the range:

pH	0.001 pH;
K ⁺	0.01 mmol/l;
Na ⁺	0.1 mmol/l;
Ca ⁺⁺	0.01 mmol/l;
Cl ⁺	0,1 mmol/l.

- Volume of test 200 microl;
- Time of the analysis (including absorbing the sample and washing time) 60 s;
- Dimensions and wight: 385x310x260 mm, 10 kg.

Price-list for AEK-01 (K/Na, K/Na/Cl)

Description	Catalogue number	Quantity	Price, US\$.	Notes
Automatic electrolyte analyzer AEC-01 (K/Na, K/Na/Cl)	E.3.1.	1 item.	2248,46	
Thermo printer	SP.E0K.0013	1 item.	192,31	
Spare parts	Catalogue number	Quantity	Price, US\$.	Notes
Electrodes				
Complete set of electrodes (K/Na)	SP.E00.0017	1 item.	603,46	
Complete set of electrodes (K/Na/Cl)	SP.E00.0018	1 item.	743,85	
K electrode	SP.E00.0014	1 item.	165,38	
Na electrode	SP.E00.0015	1 item.	215,38	
Cl electrode	SP.E00.0016	1 item.	140,38	
Reference electrode 1.0M	SP.E00.0009	1 item.	222,69	
Solutions				
Calibrator 1	Cl.E00.0007	300ml	19,23	
Calibrator 1	Cl.E00.0032	1000ml	57,69	
Calibrator 2	Cl.E00.0008	100ml	9,62	
Conditioner	Cl.E0K.0001	100ml	9,62	
Salt bridge solution	Cl.E00.0010	300ml	13,85	
Salt bridge solution	Cl.E00.0033	1000ml	41,54	
Cleaning solution	Cl.EGK.0002	100ml	7,69	
Paper for printer	Cl.00K.0007	1 roll	1,15	
Spare parts and complete sets				
Input valve tube	SP.E0K.0013	1 item.	8,65	
Rubber ring of the piston pump	SP.EGK.0005	1 item.	1,92	

Complexes for the ion selective researches on the base of Automatic electrolyte analyzer AEC-01 (K/Na, K/Na/Cl)

Complex for the ion selective researches on the base of Automatic electrolyte analyzer AEC-01 with the starting complete set of spare parts and solution.

Complex for the ion selective researches	Catalogue number	Quantity for (K/Na/Cl)	Quantity for (K/Na)	Price, US\$.	Cost, US\$ (K, Na)	Cost, US\$ (K, Na,Cl)
Automatic electrolyte analyzer AEC-01 (K/Na, K/Na/Cl)	E.3.1	1	1	2248,46	2248,46	2248,46
Complete set of electrodes (K/Na)	SP.E00.0017	1	0	603,46	603,46	0,00
Complete set of electrodes (K/Na/Cl)	SP.E00.0018	0	1	743,85	0,00	743,85
Calibrator 1	Cl.E00.0007	1	1	57,69	57,69	57,69
Calibrator 2	Cl.E00.0008	1	1	9,62	9,62	9,62
Salt bridge solution	Cl.E00.0010	1	1	41,54	41,54	41,54
Conditioner	Cl.E0K.0001	1	1	9,62	9,62	9,62
Cleaning solution	Cl.EGK.0002	1	1	7,69	7,69	7,69
Total					2978,08	3118,46
Total with thermo printer					3170,38	3310,77

Complex for the ion selective researches on the base of Automatic electrolyte analyzer AEC-01 (K/Na, K/Na/Cl) with the complete set of spare parts and solution for 0,5 year of operation (5000 tests).

Complex for the ion selective researches	Catalogue number	Quantity for (K, Na, Cl)	Quantity for (K, Na)	Price, US\$.	Cost, US\$. (K/Na)	Cost, US\$. (K/Na/Cl)
Automatic electrolyte analyzer AEC-01	E.3.1	1	1	2248,46	2248,46	2248,46
Complete set of electrodes (K/Na)	SP.E00.0017	1	0	603,46	0,00	0,00
Complete set of electrodes (K/Na/Cl)	SP.E00.0018	0	1	743,85	743,85	743,85
Calibrator 1	CI.E00.0032	6	6	57,69	346,15	346,15
Calibrator 2	CI.E00.0008	3	3	9,62	28,85	28,85
Salt bridge solution	CI.E00.0033	4	4	41,54	166,15	166,15
Conditioner	CI.E0K.0001	1	1	9,62	9,62	9,62
Cleaning solution	CI.EGK.0002	5	5	7,69	38,46	38,46
Total					3441,15	3581,54
Total with thermo printer					3633,46	3773,85

Accounting of expenses on operation of automatic electrolyte analyzer AEC-01 (K/Na, K/Na/Cl) (10000 tests).

Description	Catalogue number	Quantity for (K, Na, Cl)	Price, US\$.	Cost, US \$. (K/Na/Cl)	Cost, US \$. (K/Na)
Potassium ion selective electrode	SP.E00.0006	0,5	165,38	82,69	82,69
Sodium ion selective electrode	SP.E00.0007	0,5	215,38	107,69	107,69
Chlorine ion selective electrode	SP.E00.0008	0,5/0	140,38	70,19	0,00
Calibrator 1	CI.E00.0032	12	57,69	692,31	692,31
Calibrator 2	CI.E00.0008	5	9,62	48,08	48,08
Salt bridge solution	CI.E00.0033	8	41,54	332,31	332,31
Conditioner	CI.E0K.0001	1	9,62	9,62	9,62
Cleaning solution	CI.EGK.0002	10	7,69	76,92	76,92
Total				1419,81	1349,62
Cost of 1test				0,13	0,14

Price-list list for AEK-01 (K/Na/Ca/pH)

Description	Catalogue number	Quantity	Price, US\$.	Notes
Automatic electrolyte analyzer AEC-01 (K/Na/Ca/pH)	E.5.	1 item.	2930,77	
Thermo printer	SP.E0K.0013	1 item.	192,31	
Spare parts	Catalogue number	Quantity	Price, US\$.	Notes
Electrodes				
Complete set of electrodes	SP.E00.0013	1 item.	969,23	
Reference electrode 1.0M Nico	SP.E00.0009	1 item.	307,69	
Potassium ion selective electrode	SP.E00.0014	1 item.	165,38	
Sodium ion selective electrode	SP.E00.0015	1 item.	215,38	
Calcium ion selective electrode	SP.E00.0019	1 item.	140,38	
PH electrode	SP.E00.0020		140,38	
Solutions				
Calibrator 1	CI.E00. 0034	1000ml	69,23	
Calibrator 2	CI.E00.0008	100ml	11,54	
Conditioner	CI.E00.0001	100ml	13,85	
Salt bridge solution	CI.E00. 0033	1000ml	41,54	
Clean solution	CI.EGP.0002	100ml	7,69	
Spare parts and complete sets				
Rubber ring of the pump	SP.EGP.0005	1 item.	1,92	

Complexes for the ion selective researches on the base of Automatic electrolyte analyzer AEC-01 (K/Na/Ca/pH)

Complex for the ion selective researches on the base of Automatic electrolyte analyzer AEC-01 with the starting complete set of spare parts and solutions for 1000 tests.

Complex for the ion selective researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Automatic electrolyte analyzer AEC-01	E.5	1	2930,77	2930,77
Complete set of electrodes	SP.E00.0013	1	969,23	969,23
Calibrator 1	CI.E00.0034	1	69,23	69,23
Calibrator 2	CI.E00.0008	1	11,54	11,54
Salt bridge solution	CI.E00.0033	1	41,54	41,54
Conditioner	CI.E0K.0001	1	9,62	9,62
Clean solution	CI.E00.0002	1	7,69	7,69
Total				4039,62
Total with thermo printer				4231,92

Complex for the ion selective researches on the base of Automatic electrolyte analyzer AEC-01 (K/Na/Ca/pH) with the complete set of spare parts and solutions for 0,5 year of operation (6000 tests).

Complex for the ion selective researches	Catalogue number	Quantity	Price, US\$.	Cost, US \$.
Automatic electrolyte analyzer AEC-01	E.3.1	1	2930,77	2930,77
Complete set of electrodes	SP.E00.0013	1	969,23	969,23
Calibrator 1	CI.E00.0034	7	69,23	484,62
Calibrator 2	CI.E00.0008	3	11,54	34,62
Salt bridge solution	CI.E00.0033	4	41,54	166,15
Conditioner	CI.E0K.0001	1	9,62	9,62
Clean solution	CI.E00.0002	5	7,69	38,46
Total				4633,46
Total with thermo printer				4825,77

Accounting of expenses on operation of automatic electrolyte analyzer AEC-01 (K/Na/Ca/pH) 12000 tests.

Description	Catalogue number	Quantity	Price, US\$.	Cost, US \$.	Cost of 1 test, US \$.
Potassium ion selective electrode	SP.E00.0006	0,75	140,38	105,29	0,009
Sodium ion selective electrode	SP.E00.0007	0,75	165,38	124,04	0,010
Calcium ion selective electrode	SP.E00.0019	0,75	215,38	161,54	0,013
PH electrode	SP.E00.0020	0,75	140,38	105,29	0,009
Calibrator 1	CI.E00.0034	14	69,23	969,23	0,081
Calibrator 2	CI.E00.0008	6	11,54	69,23	0,006
Salt bridge solution	CI.E00.0033	8	41,54	332,31	0,028
Conditioner	CI.E00.0001	1	9,62	9,62	0,001
Clean solution	CI.E00.0002	10	7,69	76,92	0,006
Total				1953,46	0,16

Automatic pH/ gas blood analyzer EC-60.

It is intended for fast and accurate determination of pH, pCO₂ and pO₂ in heparinized whole blood samples. In addition to the measured parameters, this analyzer will also calculate 8 additional parameters. It is completed by electrodes of Roche (series OMNI), which not require service during all service life.

Technical characteristics**Convenience in work:**

- Fully automated;
- Deep self-diagnostics
- Built - in printer.
- Input of test from a capillary and from a syringe.

Simplicity in service:

- Built - in gasmixer
- All reagents are ready for the use;
- The electrodes do not require service and easily are substituted;
- Automatic monitoring of a condition of electrodes;
- Service is reduced to replacement solutions;
- Minimum of starting-up and adjusting operations.

Reliability:

- Working life of the electrodes - not less than 1 year.
- Minimal influence of the human factor on serviceability of the device;
- The mode " Standby " (provides trouble-free operation in case of long-term deenergizing).

Characteristics:

- Not volatile memory for 70 results of tests and 30 results of control;
- Measurement range:

pH	6.400...8.000;
pCO ₂	8...200 mm Hg;
PO ₂	0...800 mm Hg;

- Sample volume 120 microL;
- Analysis time 150 sec (including absorbing the sample and rinse time);

Input parameters:

- **(T)** Actual patient temperature values (5,0...50,0 град. C);
- **(HB)** hemoglobin (0...400 г/л);
- **(FiO₂)** (0.10...1.00)

Calculated parameters

HCO₃, TCO₂, BEb, BEecf, BB, SBC, SAT, O₂CT, RI, aDO₂, pHt, CO₂t, O₂t.

Profitability:

- Cost 1analysis (Spare parts and consumable items) – 0.31 US\$.

Price - list

Description	Catalogue number	Quantity	Price, US\$.	Notes
Automatic pH/ gas blood analyzer EC-60.	P.3.	1 item.	5250,00	
Spare parts	Catalogue number	Quantity	Price, US\$.	Notes
Electrodes				
Complete set of electrodes	SP.00P.0022	1 item.	2269,23	
Electrode pH AVL BP1732	SP.00P.0002	1 item.	434,62	
Electrode O2 AVL BP1734	SP.00P.0003	1 item.	1076,92	
Electrode CO2 AVL BP1733	SP.00P.0004	1 item.	1115,38	
Reference electrode 1.0M Nico	SP.E0P.0003	1 item.	307,69	
Solutions				
Calibrator 1	CI.00P.0001	300ml	23,85	
Calibrator 2	CI.00P.0002	100ml	16,15	
Salt bridge solution	CI.00P.0027	1000ml	40,38	
Rinse solution	CI.E0P.0028	1000ml	23,08	
Conditioner	CI.E0P.0002	100ml	9,62	
Cleaning solution	CI.EGP.0003	100ml	7,69	
Cylinder for CO2	CI.00P.0025	1 item.	138,46	
Filling of the cylinder for CO2	CI.00P.0006	5l	19,23	
Paper for printer	CI.00P.0007	1 roll.	1,15	
Spare parts and complete sets				
Rubber ring of the pump	SP.EGP.0005	1 item.	1,92	
Tube for valve	SP.EGP.0005	1 item.	8,65	
Set of capillaries (250 items)	CI.00P.0008	1 item.	142,31	

Complexes for the researches on the base Analyzer EC-60.

Complex for the researches on the base Analyzer EC-60 with the starting complete set.

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Automatic pH/ gas blood analyzer EC-60.	P.3.	1	5250,00	5250,00
Complete set of electrodes	SP.00P.0022	1	2269,23	2269,23
Calibrator 1	CI.00P.0001	1	23,85	23,85
Calibrator 2	CI.00P.0002	1	16,15	16,15
Salt bridge solution	CI.00P.0027	1	40,38	40,38
Rinse solution	CI.E0P.0028	1	23,08	23,08
Conditioner	CI.E0P.0002	1	9,62	9,62
Clean solution	CI.EGP.0003	1	7,69	7,69
Cylinder for CO2	CI.00P.0005	1	138,46	138,46
Filling of the cylinder for CO2	CI.00P.0006	1	19,23	19,23
Paper for the printer	CI.00P.0007	1	1,15	1,15
Set of capillaries (250 items)	CI.00P.0008	1	142,31	142,31
Total				7941,15

Complex for the researches on the base Analyzer EC-60 with the complete set for 0,5 year of operation (5000 tests).

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US \$.
Automatic pH/ gas blood analyzer EC-60.	P.3.	1	5250,00	5250,00
Complete set of electrodes	SP.00P.0022	1	2269,23	2269,23
Calibrator 1	CI.00P.0001	9	23,85	214,62
Calibrator 2	CI.00P.0002	4	16,15	64,62
Salt bridge solution	CI.00P.0027	8	40,38	323,08
Rinse solution	CI.E0P.0028	6	23,08	138,46
Conditioner	CI.E0P.0002	1	9,62	9,62
Clean solution	CI.EGP.0003	5	7,69	38,46
Cylinder for CO2	CI.00P.0005	1	138,46	138,46
Filling of the cylinder for CO2	CI.00P.0006	1	19,23	19,23
Paper for the printer	CI.00P.0007	12	1,15	13,85
Set of capillaries (250 items)	CI.00P.0008	1	142,31	142,31
Total				8621,92

Accounting of operation expenses of analyzer EC-60 (10000 tests).

Description	Catalogue number	Quantity	Price, US\$.	Cost, US\$.	Cost of 1 test, US\$.
Electrode pH AVL BP1732	SP.00P.0001	0,5	434,62	217,31	0,022
Electrode O2 AVL BP1734	SP.00P.0003	0,5	1076,92	538,46	0,054
Electrode CO2 AVL BP1733	SP.00P.0004	0,5	1115,38	557,69	0,056
Calibrator 1	CI.00P.0001	18	23,85	429,23	0,043
Calibrator 2	CI.00P.0002	8	16,15	129,23	0,013
Salt bridge solution	CI.00P.0027	16	40,38	646,15	0,065
Rinse solution	CI.E0P.0028	12	23,08	276,92	0,028
Conditioner	CI.E0P.0002	1	9,62	9,62	0,001
Clean solution	CI.EGP.0003	10	7,69	76,92	0,008
Filling of the cylinder for CO2	CI.00P.0006	1	19,23	19,23	0,002
Paper for the printer	CI.00P.0007	24	1,15	27,69	0,003
Set of capillaries (250 items)	CI.00P.0008	1	142,31	142,31	0,014
Total:				3070,77	0,31
Note: Set of capillaries for 250 tests.					

Automatic pH/ gas blood and electrolyte analyzer EC-60 E.



It is intended for fast and accurate determination of pH, pCO₂ and pO₂, K, Na, Ca in heparinized whole blood samples. In addition to the measured parameters, this analyzer will also calculate additional parameters. It is completed by electrodes of Roche (series OMNI), which not require service during all service life.

Technical characteristics

Convenience in work:

- Fully automated;
- Deep self-diagnostics
- Build - in printer.
- Input of test from a capillary and from a syringe.

Simplicity in service:

- Built - in gasmixer
- All reagents are ready for the use;
- The electrodes do not require service and easily are substituted;
- Automatic monitoring of a condition of electrodes;
- Service is reduced to replacement solutions;
- Minimum of starting-up and adjusting operations.

Reliability:

- Working life of the electrodes - not less than 1 year.
- Minimal influence of the human factor on serviceability of the device;
- The mode " Standby " (provides trouble-free operation in case of long-term deenergizing).

Characteristics:

- Not volatile memory for 70 results of tests and 30 results of control;
- Measurement range:

pH	6.400...8.000;
pCO ₂	8...200 mm Hg;
PO ₂	0...800 mm Hg;
K ⁺	0.20...40.00 mmol/l;
Na ⁺ .	20.0...200.0 mmol/l;
Ca ⁺⁺	0.10...6.00 mmol/l.

- Sample volume 120 microl;
- Analysis time 150 sec (include rinse);

Input parameters:

- **(T)** Actual patient temperature values (5,0...50,0 град. C);
- **(HB)** hemoglobin (0...400 г/л);
- **(FiO₂)** (0.10...1.00)

Calculated parameters

HCO₃, TCO₂, BEb, BEecf, BB, SBC, SAT, O₂CT, RI, aDO₂, pHt, CO₂t, O₂t, nCa⁺⁺.

Profitability:

- Cost 1 analysis (Spare parts and consumable items) – 0.32 US\$.

Price - list

Description	Catalogue number	Quantity	Price, US\$.	Notes
Automatic pH/ gas and electrolyte blood analyzer EC-60 E.	P.4.	1 item.	6250,00	
Spare parts	Catalogue number	Quantity	Price, US\$.	Notes
Electrodes				
Complete set of electrodes	SP.00P.0024	1 item.	3487,31	
Electrode pH AVL BP1732	SP.00P.0002	1 item.	434,62	
Electrode O2 AVL BP1734	SP.00P.0003	1 item.	1076,92	
Electrode CO2 AVL BP1733	SP.00P.0004	1 item.	1115,38	
Electrode K AVL	SP.00P.0019	1 item.	446,23	
Electrode Na AVL	SP.00P.0020	1 item.	513,19	
Electrode Ca AVL	SP.00P.0021	1 item.	446,23	
Reference electrode 1.0M Nico	SP.E0P.0003	1 item.	307,69	
Solutions				
Calibrator 1	CI.00P.0001	300ml	26,92	
Calibrator 2	CI.00P.0002	100ml	21,15	
Salt bridge solution	CI.00P.0027	1000ml	40,38	
Rinse solution	CI.E0P.0028	1000ml	23,08	
Conditioner	CI.E0P.0002	100ml	9,62	
Clean solution	CI.EGP.0003	100ml	7,69	
Cylinder for CO2	CI.E0P.0025	1 item.	138,46	
Filling of the cylinder for CO2	CI.00P.0006	5l	19,23	
Paper for the printer	CI.00P.0007	1 roll.	1,15	
Spare parts and complete sets				
Rubber ring of the pump	SP.EGP.0005	1 item.	1,92	
Tube for valve	SP.EGP.0005	1 item.	8,65	
Set of capillaries (250 items)	CI.00P.0008	1 item.	142,31	

Complexes for the researches on the base Analyzer EC-60 E.**Complex for the researches on the base Analyzer EC-60 E with the starting complete set.**

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Automatic pH/ gas and electrolyte blood analyzer EC-60 E.	P.4.	1	6250,00	6250,00
Complete set of electrodes	SP.00P.0024	1	3487,31	3487,31
Calibrator 1	CI.00P.0001	1	26,92	26,92
Calibrator 2	CI.00P.0002	1	21,15	21,15
Salt bridge solution	CI.00P.0027	1	40,38	40,38
Rinse solution	CI.E0P.0028	1	23,08	23,08
Conditioner	CI.E0P.0002	1	9,62	9,62
Clean solution	CI.EGP.0003	1	7,69	7,69
Cylinder for CO2	CI.00P.0005	1	138,46	138,46
Filling of the cylinder for CO2	CI.00P.0006	1	19,23	19,23
Paper for the printer	CI.00P.0007	1	1,15	1,15
Set of capillaries (250 items)	CI.00P.0008	1	142,31	142,31
Total				10167,31

Complex for the researches on the base Analyzer EC-60 with the complete set for 0,5 year of operation (5000 tests).

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Automatic pH/ gas and electrolyte blood analyzer EC-60 E.	P.4.	1	6250,00	6250,00
Complete set of electrodes	SP.00P.0024	1	3487,31	3487,31
Calibrator 1	CI.00P.0001	9	26,92	242,31
Calibrator 2	CI.00P.0002	4	21,15	84,62
Salt bridge solution	CI.00P.0027	8	13,46	107,69
Rinse solution	CI.E0P.0028	6	7,69	46,15
Conditioner	CI.E0P.0002	1	9,62	9,62
Clean solution	CI.EGP.0001	5	7,69	38,46
Cylinder for CO2	CI.00P.0005	1	138,46	138,46
Filling of the cylinder for CO2	CI.00P.0006	1	19,23	19,23
Paper for the printer	CI.00P.0007	12	1,15	13,85
Set of capillaries (250 items)	CI.00P.0008	1	142,31	142,31
Total				10580,00

Accounting of operation expenses of analyzer EC-60 (P.3.) =10000 tests

Description	Catalogue number	Quantity	Price, US\$.	Cost, US\$.	Cost of 1 test, US\$.
Electrode pH AVL BP1732	SP.00P.0002	0,5	434,62	217,31	0,022
Electrode O2 AVL BP1734	SP.00P.0003	0,5	1076,92	538,46	0,054
Electrode CO2 AVL BP1733	SP.00P.0004	0,5	1115,38	557,69	0,056
Electrode K AVL	SP.00P.0019	0,5	446,23	223,12	0,022
Electrode Na AVL	SP.00P.0020	0,5	513,19	256,60	0,026
Electrode Ca AVL	SP.00P.0021	0,5	446,23	223,12	0,022
Calibrator 1	CI.00P.0001	18	26,92	484,62	0,048
Calibrator 2	CI.00P.0002	8	21,15	169,23	0,017
Salt bridge solution	CI.00P.0027	16	40,38	646,15	0,065
Rinse solution	CI.E0P.0028	12	23,08	276,92	0,028
Conditioner	CI.E0P.0002	1	9,62	9,62	0,001
Clean solution	CI.EGP.0003	10	7,69	76,92	0,008
Filling of the cylinder for CO2	CI.00P.0006	1	19,23	19,23	0,002
Paper for the printer	CI.00P.0007	24	1,15	27,69	0,003
Set of capillaries (250 items)	CI.00P.0008	1	142,31	142,31	0,014
Total				3166,15	0,32
Note: Set of capillaries for 250 tests.					

Glucose and lactate analyzer AGKM-01

It is device-qualitative, inexpensive, simple and profitable in operation. It is intended for fast and accurate determination of the glucose and lactate concentration in whole blood, plasma or serum. All reagents are manufactured in Russia.

Technical characteristics**Convenience in work:**

- Minimum of starting-up operations;
- The messages about necessary actions are displayed as the help;
- The manual adjustments are excluded;
- The service is reduced to the elementary procedure of the solutions and sensor replacement;
- 2 variants of procedure of a sample preparation:
 - With automatic diluting of sample;
 - With manual preliminary diluting of sample;
- Non-volatile memory for 100 results.

Reliability:

- The minimal influence of the human factor on the device;
- The mode "Stand by" excludes failures of the device arising in a consequence of its long-term idle time.

Characteristics:

- Measurement range:

Glucose 1 – 30 mmol/l;

Lactate 1 – 30 mmol/l;

- Systematic component of the ratio error less then $\pm 5 \%$.
- SKO of random component of the ratio error less then $\pm 3 \%$.
- Material of test: blood, plasma, whey;
- Sample volume 20 microL;
- Efficiency: 60 tests per hour;
- Memory 100 results;
- Dimensions and weight: 385x310x260 mm, 8 kg.

Profitability:

- Inexpensive consumable items;
- Cost 1analysis (Spare parts and consumable items) - 0.08\$.

Price-list

Description	Catalogue number	Quantity	Price, US\$.	Notes
Glucose and lactate analyzer AGKM-01	G.3.	1 item.	3251,92	
Spare parts	Catalogue number	Quantity	Price, US\$.	Notes
Sensors				
Glucose and lactate sensor (Dr/Muller, Germany) (3000 tests)	SP.0G0.0002	1 item.	192,15	
Glucose and lactate sensor (Dr/Muller, Germany) (10000 tests)	SP.0G0.0003	1 item.	273,62	
Solutions				
Concentrate of the system reagent	CI.0G0.0009	for 1,0 l of solution	11,54	
Clean solution	CI.EGP.0001	100ml	7,69	
Calibrator Glucose and lactate	CI.0G0.0003	5ml	9,62	
Spare parts and complete sets				
Replaceable tips for the dosimeter 0.5-300 micro L	SP.0G0.0007	1000 item.	28,85	
Rubber ring of the pump	SP.EGP.0005	1 item.	1,92	

Complexes on the base Analyzer AGKM-01.**Complex on the base Analyzer AGKM-01 with the starting complete set.**

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Glucose and lactate analyzer AGKM-01	G.3.	1	3251,92	3251,92
Glucose and lactate sensor (Dr/Muller, Germany) (3000 tests)	SP.0G0.0001	1	192,15	192,15
Calibrator Glucose and lactate	Cl.0G0.0003	1	9,62	9,62
Concentrate of the system reagent	Cl.0G0.0002	1	11,54	11,54
Clean solution	Cl.EGP.0001	1	7,69	7,69
Total				3472,92

Complex on the base Analyzer AGKM-01 with the complete set for 3000 tests.

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Glucose and lactate analyzer AGKM-01	G.3.	1	3251,92	3251,92
Glucose and lactate sensor (Dr/Muller, Germany) (3000 tests)	SP.0G0.0001	1	192,15	192,15
Calibrator Glucose and lactate	Cl.0G0.0003	2	9,62	19,23
Concentrate of the system reagent	Cl.0G0.0009	15	11,54	173,08
Clean solution	Cl.EGP.0001	1	7,69	7,69
Total				3644,08

Complex on the base Analyzer AGKM-01 with the complete set 10000 tests.

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Glucose and lactate analyzer AGKM-01	G.3.	1	3251,92	3251,92
Glucose and lactate sensor (Dr/Muller, Germany) (10000 tests)	SP.0G0.0003	1	273,62	273,62
Calibrator Glucose and lactate	CI.0G0.0003	7	9,62	67,31
Concentrate of the system reagent	CI.0G0.0009	46	11,54	530,77
Clean solution	CI.EGP.0001	1	7,69	7,69
Total				4131,31

Accounting of operation expenses of the analyzer AGKM-01 (20000 tests).

Description	Catalogue number	Quantity	Price, US\$.	Cost, US\$.	Cost of 1 test, US\$.
Glucose and lactate sensor (Dr/Muller, Germany) (10000 tests)	SP.0G0.0003	1,6	437,78	437,78	0,02
Calibrator Glucose and lactate	CI.0G0.0003	14	134,62	134,62	0,01
Concentrate of the system reagent	CI.0G0.0009	92	1061,54	1061,54	0,05
Clean solution	CI.EGP.0001	1	7,69	7,69	0,00
Total				1641,63	0,08

Glucose analyzer AGKM-01

It is device-qualitative, inexpensive, simple and profitable in operation. It is intended for fast and accurate determination of the glucose concentration in whole blood, plasma or serum. All reagents are manufactured in Russia.

Technical characteristics**Convenience in work:**

- Minimum of starting-up operations;
- The messages about necessary actions are displayed as the help;
- The manual adjustments are excluded;
- The service is reduced to the elementary procedure of the solutions and sensor replacement;
- 2 variants of procedure of a sample preparation:
 - With automatic diluting of sample;
 - With manual preliminary diluting of sample;
- Non-volatile memory for 100 results.

Reliability:

- The minimal influence of the human factor on the device;
- The mode "Stand by" excludes failures of the device arising in a consequence of its long-term idle time.

Characteristics:

- Measurement range:

Glucose	1 – 30 mmol/l;
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- Systematic component of the ratio error less then $\pm 5 \%$.
- SKO of random component of the ratio error less then $\pm 3 \%$.
- Material of test: blood, plasma, whey;
- Sample volume 20 microL;
- Efficiency: 60 tests per hour;
- Memory 100 results;
- Dimensions and weight: 385x310x260 mm, 8 kg.

Profitability:

- Inexpensive consumable items;
- Cost 1analysis (Spare parts and consumable items) - 0.08\$.

Price-list

Description	Catalogue number	Quantity	Price, US\$.	Notes
Glucose analyzer AGKM-01	G.4.	1 item.	2390,38	
Spare parts	Catalogue number	Quantity	Price, US\$.	Notes
Sensors				
Glucose and lactate sensor (Dr/Muller, Germany) (3000 tests)	SP.0G0.0002	1 item.	192,15	
Glucose and lactate sensor (Dr/Muller, Germany) (10000 tests)	SP.0G0.0003	1 item.	273,62	
Glucose sensor (Dr/Muller, Germany) (30000 tests)	SP.0G0.0004	1 item.	376,00	
Solutions				
Concentrate of the system reagent	CI.0G0.0009	for 1,0 l of solution	11,54	
Clean solution	CI.EGP.0001	100ml	7,69	
Calibrator Glucose	CI.0G0.0007	5 ml	7,69	
Spare parts and complete sets				
Replaceable tips for the dosimeter 0.5-300 micro L	SP.0G0.0007	1000 item.	28,85	
Rubber ring of the pump	SP.EGP.0005	1 item.	1,92	

Complexes on the base Analyzer AGKM-01.**Complex on the base Analyzer AGKM-01 with the starting complete set.**

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Glucose analyzer AGKM-01	G.4.	1	2390,38	2390,38
Glucose and lactate sensor (Dr/Muller, Germany) (3000 tests)	SP.0G0.0001	1	192,15	192,15
Calibrator Glucose	CI.0G0.0003	1	7,69	7,69
Concentrate of the system reagent	CI.0G0.0009	1	11,54	11,54
Clean solution	CI.EGP.0001	1	7,69	7,69
Replaceable tips for the dosimeter 0.5-300 microL	SP.0G0.0007	1	192,15	192,15
Total				2609,46

Complex on the base Analyzer AGKM-01 with the complete set for 3000 tests.

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Glucose analyzer AGKM-01	G.4.	1	2390,38	2390,38
Glucose and lactate sensor (Dr/Muller, Germany) (3000 tests)	SP.0G0.0001	1	192,15	192,15
Calibrator Glucose	CI.0G0.0007	2	7,69	15,38
Concentrate of the system reagent	CI.0G0.0009	15	11,54	173,08
Clean solution	CI.EGP.0001	1	7,69	7,69
Total				2778,69

Complex on the base Analyzer AGKM-01 with the complete set 10000 tests.

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Glucose analyzer AGKM-01	G.4.	1	2390,38	2390,38
Glucose and lactate sensor (Dr/Muller, Germany) (10000 tests)	SP.0G0.0003	1	273,62	273,62
Calibrator Glucose	CI.0G0.0007	7	7,69	53,85
Concentrate of the system reagent	CI.0G0.0009	46	11,54	530,77
Clean solution	CI.EGP.0001	1	7,69	7,69
Total				3256,31

Complex on the base Analyzer AGKM-01 with the complete set 30000 tests.

Complex for the researches	Catalogue number	Quantity	Price, US\$.	Cost, US\$.
Glucose analyzer AGKM-01	G.4.	1	2390,38	2390,38
Glucose sensor (Dr/Muller, Germany) (30000 tests)	SP.0G0.0004	1	376,00	376,00
Calibrator Glucose	CI.0G0.0007	20	7,69	153,85
Concentrate of the system reagent	CI.0G0.0009	140	11,54	1615,38
Clean solution	CI.EGP.0001	1	7,69	7,69
Total				4543,31

Accounting of operation expenses of the analyzer AGKM-01 (20000 tests).

Description	Catalogue number	Quantity	Price, US\$.	Cost, US\$.	Cost of 1 test, US\$.
Glucose and lactate sensor (Dr/Muller, Germany) (10000 tests)	SP.0G0.0003	1,3	273,62	355,70	0,018
Calibrator Glucose and lactate	CI.0G0.0003	14	7,69	107,69	0,005
Concentrate of the system reagent	CI.0G0.0002	92	11,54	1061,54	0,053
Clean solution	CI.EGP.0001	1	7,69	7,69	0,0001
Total				1532,62	0,08