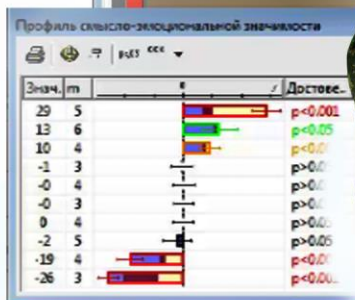
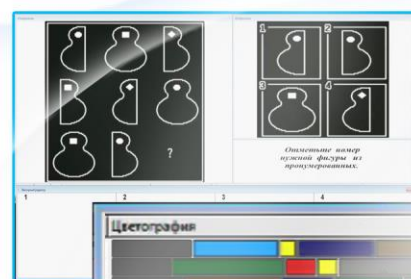
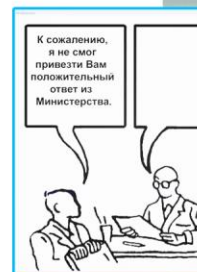


Objective psychological analysis and testing system "Egoscop"

Illustrated catalogue



13	3	9	2	10
11	11	12	12	3
1	4	5	7	2
7	8	10	1	6
6	9	4	8	5



**Innovative technology
of psychodiagnostics**



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v_12-10-2021_08-05-2024

Objective psychological analysis and testing system "Egoscop":

- provides autodocumentation of a testing process and pictopolygraphy technology – synchronous analysis of test person's hand motility;
- records psychophysiological parameters for further objectification of study results;
- generates additional profiles of semantic-emotional significance (SES) in relation to the semantic clusters and standard scales of the test;
- supplied test library contains wide tests range: state tests, personality inventories, projective tests, cognitive tests, psychophysiological tests.

System "Egoscop" can be used in network variant for psychological and psychophysiological testing or for procedures with functional biocontrol simultaneously in a group of patients from instructor's workplace (dedicated server).

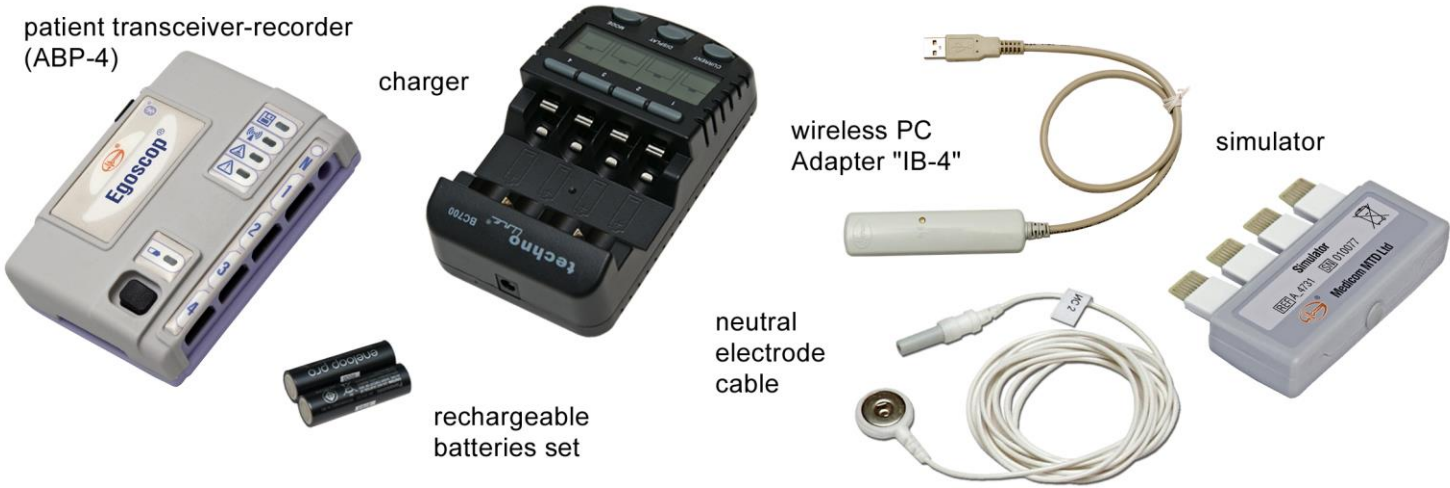
Enhanced functionality and application of objective psychological analysis and testing system "Egoscop" in psychophysiology, sports, industrial and institutional medicine, as well as for scientific research are provided by a basic autonomous transceiver-recorder ABP-4, additional wireless units, modules, sensors and accessories, along with methodical software (SW) from system set.


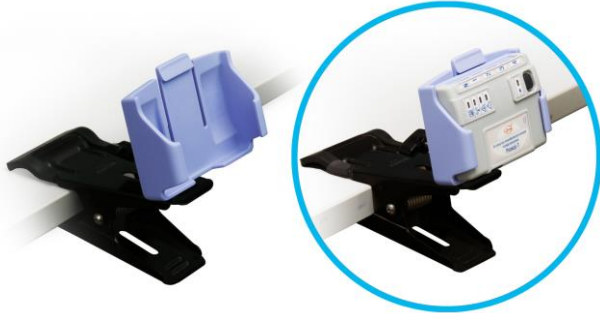

Software from objective psychological analysis and testing system "Egoscop" set

Software name	page	Medical purpose (briefly)
"Egoscop" objective analysis and testing (patented in RF #2319444)	6	New innovative level of psychodiagnostics (paperless technology) with synchronous registration of motor activity parameters of the subject on the touch screen tablet, and physiological indicators that reflect the emotional reactions in the process of testing and data analysis in relation to the semantic clusters of tests.
"Rehacor" software for functional biocontrol with biofeedback training	9	Procedures of functional biocontrol with BFB (biofeedback and neurobiofeedback) for improvement of neural regulation in various disorders, increasing stress tolerance, correction of the status, training skills of self-control and optimal functioning of the athletes, students, top managers and persons of responsible and stressful professions. Scenario Editor creates new procedures and provides the assessment of a procedure and course effectiveness.
"HRV" software for heart rate variability analysis	15	Assessment of autonomic nervous system and neurohumoral regulation of the patient based on a study of heart rate variability to assess the adequacy of the physical and psycho-emotional stress.
"Encephalan-AVS" software suite for EEG and EP studies (cognitive EP) using audiovisual stimulation	15	EEG and EP studies for various clinical and scientific tasks in neurology, psychophysiology, studies of the mechanisms of perception using cognitive stimulation.

item	Contents of the illustrated* catalogue	page
1	Set of patient transceiver-recorder ABP-4	4
2	Main accessories and software of "Egoscop" system	5
3	Additional software "Rehacor" for functional biocontrol with biofeedback; required equipment and accessories	9
4	Software of "Egoscop" system for additional study types	15
5	Adapters, electrodes and sensors with "Micro-8" connector for polygraphic channels of ABP-4	17
6	Gels, disposable electrodes and accessories	23
7	Required computing hardware and office equipment.....	24

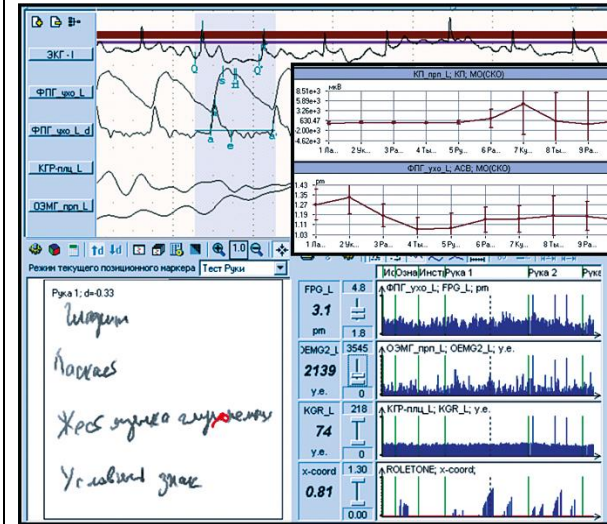
** The external appearance of the products is given as an example and may have some differences that do not affect functionality when delivered.*

Item #	Ref. no.	Description and figure	Comments
<h2 style="text-align: center;">Objective psychological analysis and testing system "Egoscop"</h2> <p style="text-align: center;">To form a sales package, select from this table a set of ABP-4, accessories, electrodes, sensors, additional modules and software.</p>			
1.	Set of patient transceiver-recorder ABP-4		
1.1	A_6036	<p>The set of patient transceiver-recorder "Egoscop" includes:</p> <ul style="list-style-type: none"> • Patient transceiver-recorder ABP-4: 4 universal polygraphic channels, embedded body position sensor and integrated telemetric interface (Bluetooth®) of connection to PC and additional wireless devices. • Accessories: wireless PC Adapter "IB-4", rechargeable batteries set (2 pcs.), charger, simulator, neutral electrode cable. • Operation documentation. • Patient data management – "Cardfile".  <p>patient transceiver-recorder (ABP-4)</p> <p>charger</p> <p>rechargeable batteries set</p> <p>wireless PC Adapter "IB-4"</p> <p>neutral electrode cable</p> <p>simulator</p>	<p>Provides: the connection to additional wireless units, modules and sensors.</p> <p>The set A_6036 should be complemented with:</p> <ul style="list-style-type: none"> • electrodes, sensors and accessories of the ABP-Egoscop kit; • Software Objective psychological analysis and testing "Egoscop"; • accessories, wireless units, electrodes and sensors (at customer's option, depending on the application); • computing hardware.

2.	Main accessories and software of "Egoscop" system			
2.1	A_5346	Mains Power Supply Adapter Connected to a network (220V, 50Hz) or USB port of computer equipment	 <p>The image shows a grey power supply adapter with a black cable. A circular inset provides a close-up view of the internal components and the connection point for the ABP-4 device.</p>	For stationary use, alternatively to autonomous powering of ABP-4 from accumulators.
2.2	A_5362	Table support for ABP-4 The set includes a clip and a holder.	 <p>The image shows a blue plastic holder mounted on a black clip, which is attached to a white surface. A circular inset shows the holder from a different angle, highlighting its design for supporting the ABP-4 device.</p>	At customer's option
2.3	A_2329	SW-key (USB)	 <p>The image shows a USB key with a grey casing. The label on the key includes the text "SW-key", "REF A_2329", "SN 03013001", and "Medicom MTD Ltd".</p>	Allows working with software at any additional PC, including network variant.

Software Objective psychological analysis and testing "Egoscop"
(patented in RF#2319444)

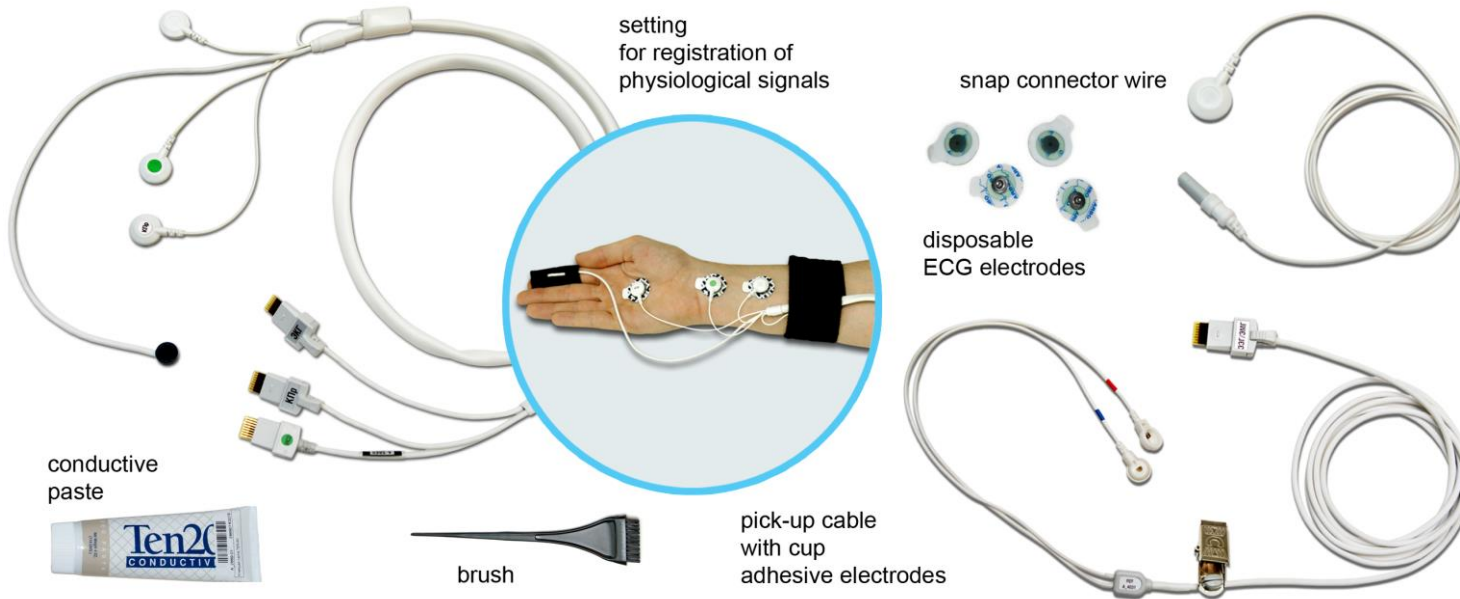


1. The possibility of independent creation of scenarios for the psychological (tests, projective techniques), psycho-physiological and cognitive tests in different languages on the basis of tools (embedded software and scripts), allowing the use of text and graphics, audio and video files when creating scenarios;
2. Synchronous auto documentation of processes of psychological and psycho-physiological testing and parameters of motor activity of the subject on the touch screen tablet, which uses electromagnetic resonance technology, and reflects psychomotor and physiological reactions during the test process;
3. The software builds additional profiles of psycho-emotional responses in relation to different semantic clusters of the performed scenario and evaluates individual emotional significance of various semantic categories;
4. The export of native physiological signals and calculated psychophysiological and psychomotor parameters into common formats (text format ASCII, Excel) for the possibility of their mathematical processing with external programs;
5. The library of English samples of scenarios consists of the following ones:
 - tests to evaluate sensorimotor responses - SVMR, CVMR);
 - tapping test to assess the strength and lability of nervous processes;
 - reaction to the moving object to estimate the balance of the nervous system by the degree of balance of excitation and inhibition (Time / Movement Anticipation - TMA);
 - assessment of the spatial co-ordination on the basis of tests of static and dynamic tremor;
 - assessment of static and dynamic physical endurance with carpal dynamometer (grip strength dynamometer test);
 - red and black tables to estimate the focus parameters (Red and black table by Shultz-Platonov);
 - critical flicker-fusion frequency test;
 - continuous test to evaluate the dynamic properties of attention (Continuous Performance Test);
 - Hospital scale of anxiety and depression.






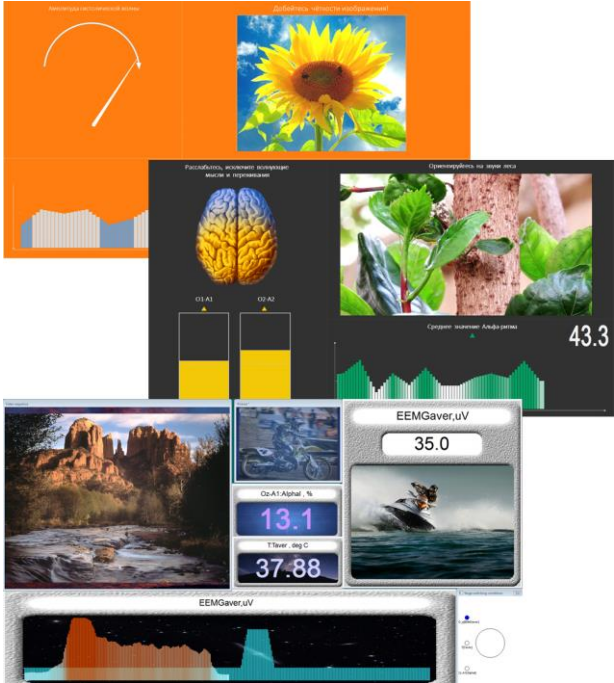
- touch graphical input device – a tablet monitor Wacom CINTIQ 13HD, 13,3" or similar;

- electrodes, sensors and accessories of the ABP-Egoscop kit.

The list of tests is available on request, subjected to change as agreed with the customer.

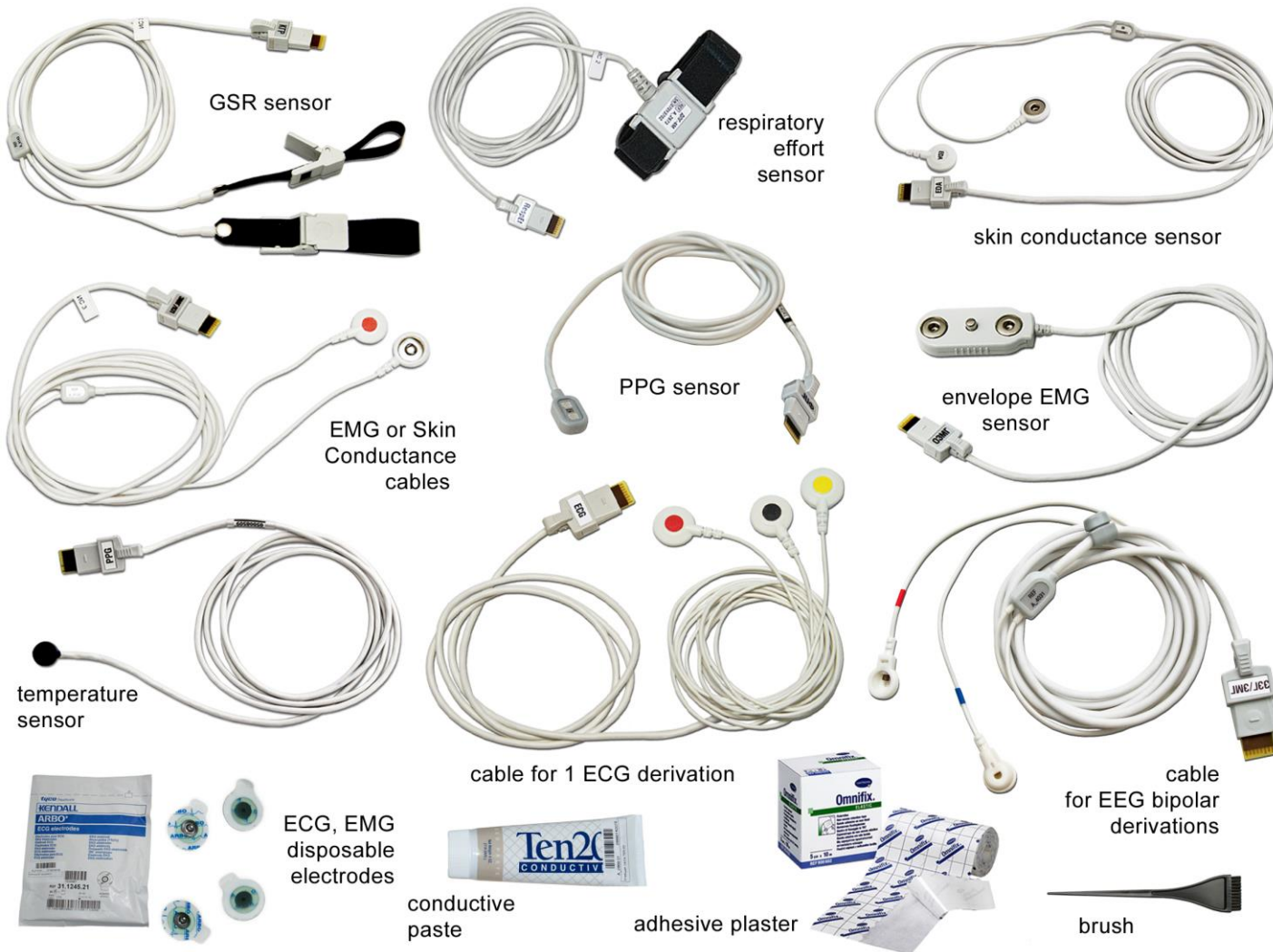
2.4.1	A_4627	Kit of electrodes, sensors and accessories ABP-Egoscop	
2.4.1.1	A_6543	<p>Setting for registration of physiological signals (a set) includes ECG, PPG, skin conductance (EDA) sensors with micro-8 connectors and accessories:</p> <ul style="list-style-type: none"> • pick-up cable with cup adhesive electrodes to register 1 EEG (EMG) derivation; • snap connector wire; • adhesive electrode paste; • disposable ECG electrodes – 50 pcs; • brush for electrode cleaning. 	Setting is connected to the polygraphic channels of ABP-4
2.4.1.2	A_6354	<p>Pad for tapping test and test from "Egoscop" library Connected to the polygraphic channel of ABP-4</p> 	For tapping test
2.4.1.3	A_6423	<p>Oculomotor tubus and critical flicker-fusion frequency test from "Egoscop" library Connected to the USB port of a personal computer.</p> 	For critical flicker-fusion frequency test

2.4.1.4	A_6008	<p>Dynamometer medical electronic manual and power endurance test from "Egoscop" library</p> <p>Used as carpal electronic dynamometer to test power endurance with BFB.</p> <p>Connected to the polygraphic channel of ABP-4.</p>		For power endurance test with BFB
2.4.2	A_4074	<p>Special touch screen monitor Wacom CINTIQ 13HD, 13,3"</p> <p>A device for accurate touch graphical information input by the patient at the psycho-physiological testing.</p> <p>Connected to the personal computer.</p> <p>Graphical input device ensures the input of information by a patient* during testing, as well as accurate registration of:</p> <ul style="list-style-type: none"> • pen moving (resolution – 0.005 mm or 5080 lines per inch); • pressure on the pen (2048 levels of pen pressure sensitivity); • pen report rate (133 points/sec) <p><i>*While distance between the pen and the screen is no more than 5 mm.</i></p>		<p>Graphical input device from the catalog of the company Wacom (www.wacom.ru) at customer's option.</p> <p>If purchased individually, the device type must be agreed with Medicom MTD Ltd.</p>

3.	Additional software "Rehacor" for functional biocontrol with biofeedback; required equipment and accessories			
3.1	A_1010-01	<p>"Rehacor" Software for Functional Biocontrol with Biofeedback Training, "Basic" Suite</p> <p>Software provides procedures of functional biocontrol with biofeedback (BFB training) with the control of various physiological parameters for:</p> <ul style="list-style-type: none">• non-medicated restoration of damaged functions;• improvement of nerve regulations in different diseases, phobias, pathological addictions;• improvement of stress resistance;• control and correction of psychophysiological state in different situations and sicknesses;• forming the optimal state for performance for sportsmen, persons with stressful and responsible jobs;• overcoming the attention deficit hyperactivity disorder (ADHD) in children and adolescents, etc. <p>The software includes procedures library and procedure scenario editor that allows editing procedures from the library and creating new ones.</p>		<p>Required:</p> <ul style="list-style-type: none">• electrodes, sensors and accessories from the ABP-BFB kit;• impedance adapters with sensors (to work with biofeedback training procedures by circulatory parameters – ICG and impedance plethysmography).
3.2	A_1010-02	<p>"Rehacor" Software for Functional Biocontrol with Biofeedback Training, "Professional" Suite</p> <p>Extended suite of procedures library, using features of ABP-4 and additional wireless modules for EEG and other parameters registration. In addition to "Basic" suite it contains neurofeedback procedures:</p> <ul style="list-style-type: none">• brain functional asymmetry;• optimization of brain rhythms and zonal differences of alpha-rhythm;• very low frequency brain activity;• combined training for brain electric activity and cerebral blood flow (REG);• multiparametric training for correction of psycho emotional state and psychological tension.		<p>Required:</p> <ul style="list-style-type: none">• electrodes, sensors and accessories from the ABP-BFB kit;• impedance adapters with sensors (to work with biofeedback training procedures by circulatory parameters – ICG and impedance plethysmography);• electrode systems ES-EEG-4R-3A and accessories (from the set of EEG electrodes ES-EEG-10/20 "Encephalan-ES") for neurofeedback procedures;• additional modules and sensors depending on multiparametric training type.



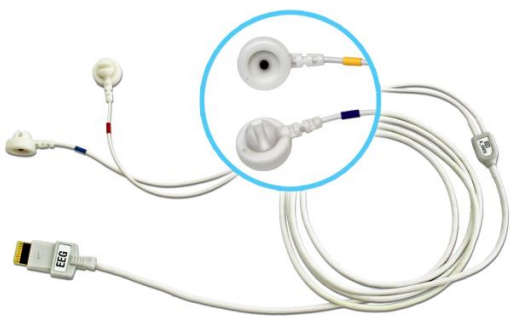
ABP-BFB electrodes, sensors and accessories kit – for "Rehacor" software**Includes:**

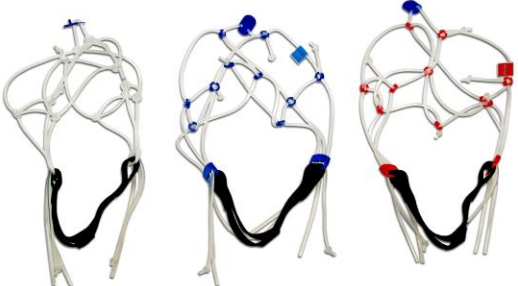


- GSR sensor (length – 1.2 m);
- respiratory effort sensor (length – 1.2 m) – 2 pcs.;
- PPG sensor with fixers (length – 1.2 m);
- skin conductance sensor (length – 1.2 m);
- envelope EMG sensor (length – 1.2 m) – 2 pcs.;
- EMG or Skin Conductance cables from disposable electrodes (length – 1.2 m) – 2 pcs.;
- EEG bipolar cables with adhesive electrodes (length – 1.5 m) – 2 pcs;
- cable for 1 ECG derivation for disposable electrodes (length – 1.5 m);
- temperature sensor (length – 1.2 m) – 2 pcs;
- adhesive electrode paste;
- ECG, EMG disposable electrodes – 50 pcs.;
- brush for electrode cleaning;
- adhesive plaster Omnifix.

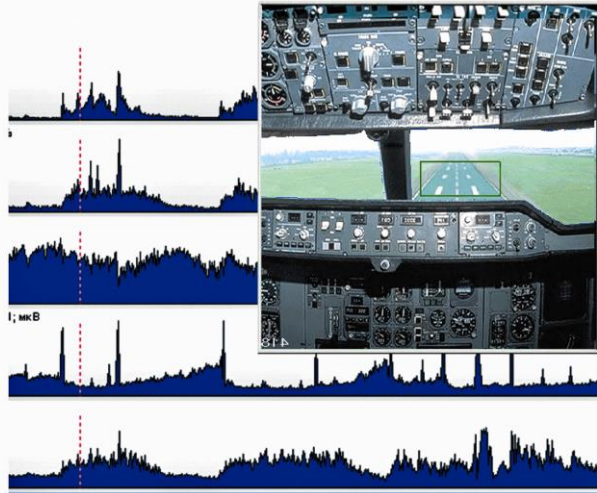

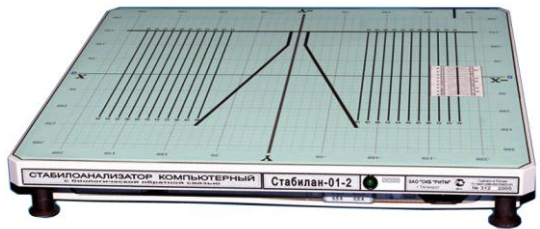





Optional supply of sensors at customer's option from this catalogue.

Cable length can be changed on request.

3.4	A_2229	<p>Set of ECG electrodes</p> <p>The set includes 3 clips.</p>		<p>It can be used in biofeedback training with the use of the ECG, as an alternative to disposable electrodes.</p>
3.5	A_6595-4	<p>Electrode system ES-EEG-4K-3A</p> <p>4 monopolar EEG derivations with cup electrodes for silicone tube caps for biofeedback procedures (nerofeedback) on brain functional asymmetry, optimization of brain rhythms and zonal differences of alpha-rhythm, very low frequency brain activity from "Professional" procedures library.</p>		<p>From "Encephalan-ES" set</p> <p>Required:</p> <ul style="list-style-type: none"> • electrode gel; • set of silicone tube caps for EEG/REG electrodes attachment (A_2804-2).
3.6	A_5202-1	<p>Bipolar EEG Cable</p> <p>with electrodes for contact gel</p> <p>Electrodes are fixed with silicone tube caps.</p> <p>The cable contains 2 recording electrodes, there is no neutral electrode.</p> <p>Cable length – 1.5 m.</p>		<p>Used with N-electrode attached onto the patient and connected to the same registration unit to which these cables can be connected to.</p> <p>Electrode gel and set of silicone tube caps for EEG/REG electrodes attachment are required (A_2804-2).</p>

3.7	A_2804-2	<p>Set of silicone tube caps for EEG/REG electrodes</p> <p>Silicone tube caps to attach a small amount of EEG and REG electrodes for contact gel for biofeedback procedures.</p> <p>The set includes caps of 3 sizes from 48 to 62.</p>		<p>From "Encephalan-ES" set</p> <p>For electrode system ES-EEG-4K-3A or electrodes with a cable for 2 EEG bipolar derivations.</p>
3.8	A_6595-2	<p>Electrode system ES-EEG-4K-3A(c) with adhesive cup electrodes</p> <p>4 monopolar EEG derivations with adhesive cup electrodes for biofeedback procedures (nerofeedback) on brain functional asymmetry, optimization of brain rhythms and zonal differences of alpha-rhythm, very low frequency brain activity from "Professional" procedures library.</p> <p>The set includes adhesive plaster Omnifix.</p>	 <p>adhesive plaster</p>	<p>From "Encephalan-ES" set</p> <p>For EEG registration in BFB training ("Rehacor" Software for Functional Biocontrol with Biofeedback Training)</p> <p>Required electrode paste EC2, TEN-20 or similar.</p> <p>Glue-collodion for additional fixation, glue remover and compact hair-dryer for quick gel drying (purchased individually at pharmacy or shop, consultations on demand).</p>
3.9	A_4008-99	<p>Wireless Electrostimulator</p> <p>The set includes:</p> <ul style="list-style-type: none"> • biofeedback procedure of stress resistance training; • AAA battery. 		<p>Procedure of stress resistance training additional to the "basic" or "professional" library.</p>

3.10	A_1010-1	<p>Procedure of Combined Operator's Activity (adaptive model)</p> <p>Software provides the combination of biofeedback training and following the moving objects on screen with logical tasks solving. Parameters of activity model are adaptively changing according to the efficiency of procedure performing, which allows evaluating the functional capabilities of a test person.</p>		<p>Additional to the "basic" or "professional" library.</p> <p>Can be performed with a mouse.</p> <p>Joystick is recommended to be purchased.</p>
3.10.1	A_5590	Joystick		<p>It is used in biofeedback training procedure at the combined operator's activity.</p>
3.11	A_6473	<p>Stabiloanalyzer</p> <p>For additional diagnostics and BFB procedures for stabilogram.</p>		<p>Purchasing the wireless adapter for wobble platform is required.</p>
3.11.1	A_4813	<p>Wireless adapter for wobble platform</p> <p>Provides the connection of stabiloanalyzer and data transmission to "Rehacor" software for functional biocontrol with biofeedback training</p>		

3.12	A_2732-2	<p>Wireless Movement Sensor (for movement activity)</p> <p>The set includes:</p> <ul style="list-style-type: none"> • movement sensor (Move); • wobble platform; • procedure of BFB training for maintaining vertical posture on the platform. 		<p>Biofeedback training on sustainability for maintaining vertical posture on the wobble platform is connected to the "basic" or "professional" library of "Rehacor" software.</p>
3.13	A_6354-2	<p>Pad for tapping test and procedures of biofeedback training "Rhythmo-BFB" additionally to procedure libraries of "Basic" and "Professional" Suites</p> <p>The set includes:</p> <ul style="list-style-type: none"> • pad for tapping test with a stylus; • procedures of biofeedback training "Rhythmo-BFB". <p>Evaluation and training of the ability to perceive and reproduce sound patterns of varying complexity. Developing a sense of rhythm and time. Increasing the success of cognitive activity and rehabilitation of various brain dysfunctions.</p> <p>For children: improvement of attention, motor control and coordination, speech development, improvement of auditory perception, reducing behavior problems (impulsivity, aggressiveness, hyperactivity, emotional contact difficulties).</p> <p>For adults: cognitive and motor rehabilitation after traumatic brain injuries, stroke, Parkinson's disease, spinal cord injuries, etc.</p>		<p>Additional to procedure libraries of "Basic" and "Professional" Suites of "Rehacor" Software for Functional Biocontrol with Biofeedback Training</p>

3.14

A_2577-45

Efficacy evaluation of BFB trainings **part of Software for functional biocontrol with biofeedback training "REHACOR"**

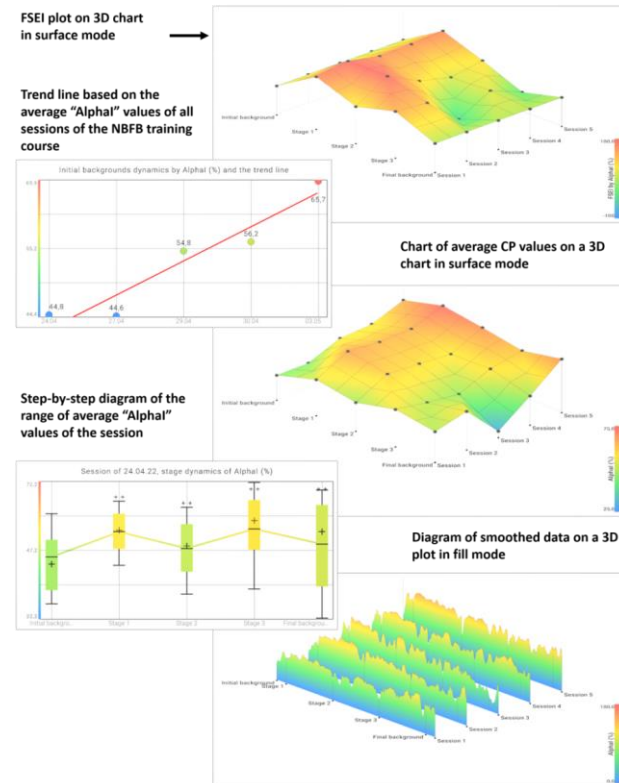
The software provides an assessment of the effectiveness and success of the BFB training in the processing mode in post-real time, in particular:

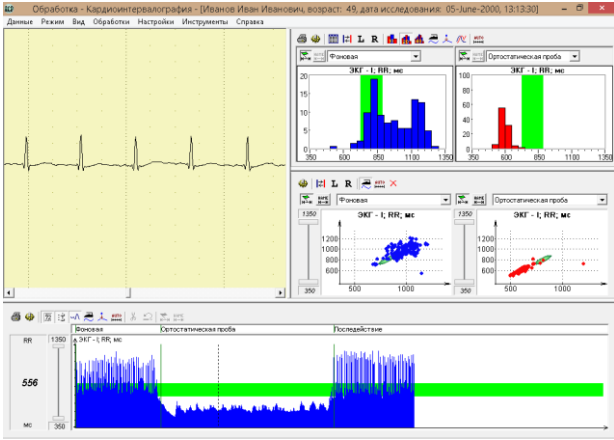
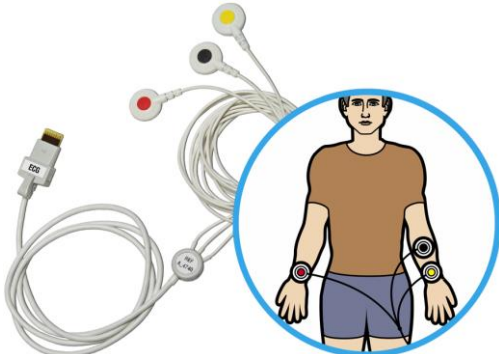
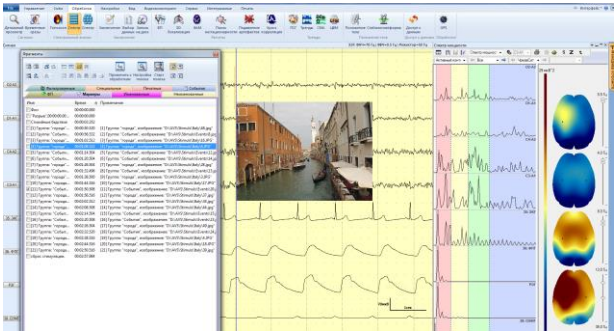
- quantifying the success of each managed stage of the session;
- quantitative assessment of the success of the BFB training session;
- quantitative assessment of the effectiveness of the full course of the conducted BFB trainings.



Monitoring the success of the BFB training is necessary for the instructor to confirm that the goals of the BFB training session are achieved as it progresses or at least tend to achieve the goal. Success control is also needed to be able to timely identify the absence of expected positive results or the appearance of some negative trends in the dynamics of physiological indicators in order to be able to adjust the course of the BFB training.


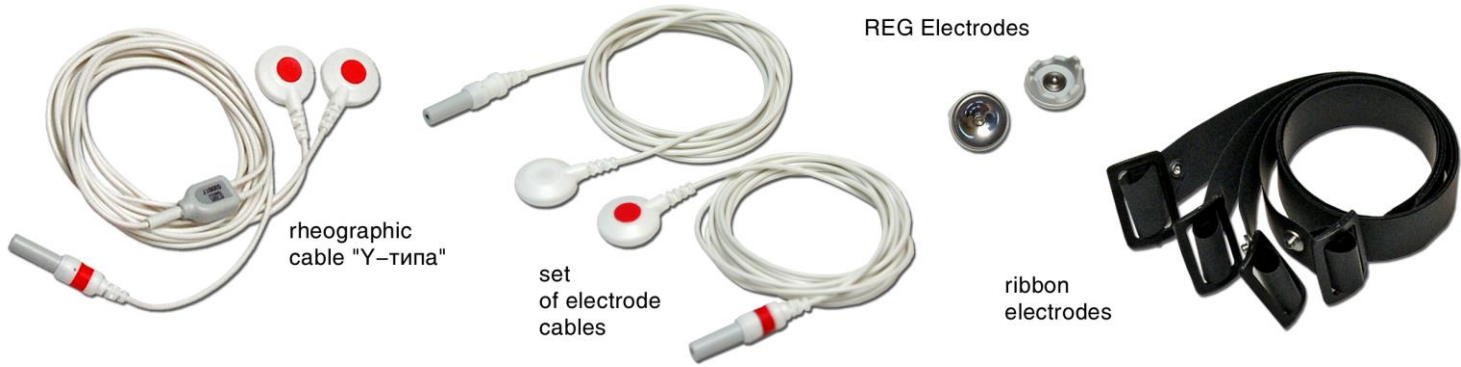
The effectiveness of the BFB training course as a whole is assessed on the basis of the average success index of all sessions included in this course and the "cumulative effect". The cumulative effect is estimated on the basis of identifying the tendency of accumulating physiological shifts of controlled parameters from session to session and characterizes the severity of long-term modification of the mechanisms of physiological regulation.



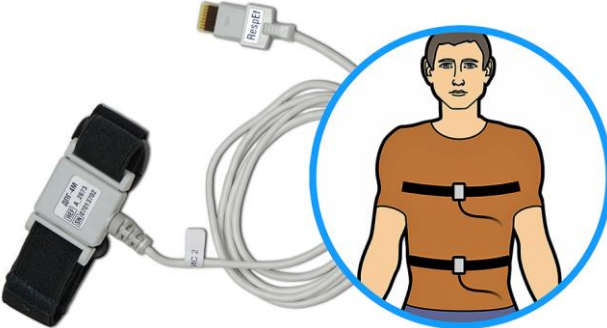
The software "Efficacy evaluation of BFB trainings" provides the formation of a verbal report on the course of the BFB training, with the inclusion of two or three-dimensional forms of representations of the results, for example, in the form of graphs for the session, graphs for the course, surface 3D diagrams of the course performance and conclusions on controlled parameters.











4.	Software of "Egoscop" system for additional study types		
4.1	A_1964	<p>"HRV" Software for Heart Rate Variability Analysis</p> <p>Software is used to assess the state of the autonomic nervous system and neurohumoral regulation of the patient, to evaluate the adequacy of physical and psycho-emotional stress taking into account the autonomic reactivity to a provoking effect, as well as to control the effect of medicinal drugs and efficiency of treatment prescribed.</p> <p>Software uses standard recommended types of quantitative analysis and results representation in the form of cardiointervalogram trends (HR, RR), statistical and spectral parameters, hystograms and scattergrams (correlation rhythmograms) of RR-intervals allocation, spectrograms with frequency ranges that characterize the state of ANS and balance of sympathetic and parasympathetic sections (HF, LF, VLF).</p> <p>There is an option of forming the formalized protocol with initial state description and autonomic reactivity. Software allows analyzing selected fragments of continuous ECG records (24 hrs, night recording) at long-term EEG/PSG studies or multiparameter monitoring.</p>	 <p>It can be used both independently and as concomitant software, related to the basic study.</p> <p>Requires purchasing ECG cable (A_4740) if it is not included into delivery set.</p>
4.1.1	A_4740	<p>ECG Cable for bipolar derivation with neutral electrode</p> <p>3 snaps for disposable electrodes.</p> <p>Cable length – 1.5 m.</p>	 <p>For ECG registration at heart rate variability analysis as independent study.</p>
4.2	A_0712	<p>"Encephalan-AVS" Software Suite for EEG and EP Studies Using Audiovisual Stimulation (cognitive EP).</p> <p>Software provides flexible forming and playback of scenarios of cognitive stimulation using graphic images, audio files and text information as stimuli.</p> <p>Images can be of tiff, jpg, bmp, gif formats with any resolution, including FullHD; audio files – formats wav, mp3; text information can be customized by font color and size, background color, and area of visualization on the screen.</p> <p>Option of unconscious stimuli presentation with direct and inverse masking with control of responses (latent periods of button pressing).</p> <p>Accurate synchronization of presented stimuli and recorded physiological signals (EEG, EP), which allows carrying out EEG and EP studies (cognitive EP) to solve different clinical and scientific tasks in neurology, psychophysiology, studies of perception mechanisms, etc.</p>	 <p>Required:</p> <ul style="list-style-type: none"> • additional monitor for stimuli presentation; • headphones or acoustic system for audio stimuli presentation; • patient button unit and sensor of videostimulus synchronization.

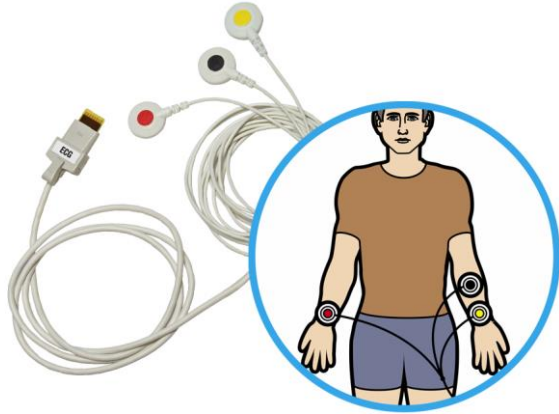

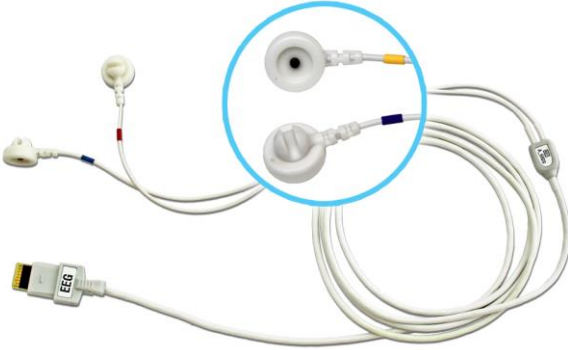
4.2.1	A_4009	<p>Patient Button Unit (five button response pad) for detecting patient's response (pressing the specified button) on presented stimulus when working with software "Encephalan-AVS".</p> <p>The set includes alkaline AAA battery – 4 pcs. (including 2 additional).</p>		<p>Required for study of cognitive (CNV and P300, MMN) EP, and for EEG and EP studies with audio-visual stimulation.</p>
4.2.2	A_4178	<p>Videostimulus synchronization sensor</p> <p>Provides accurate detection of videostimulus presentation moment when working with software "Encephalan-AVS".</p>		<p>Used with patient button unit at EEG and EP study to audio-visual stimulation.</p>


5.	Adapters, electrodes and sensors with "Micro-8" connector for polygraphic channels of ABP-4		
5.1	A_4771	<p>Bipolar ICG Adapter (RB) for brain impedance plethysmography, rheovasography (RVG) and integral rheogram by Tischenko</p> <p>For evaluation of cerebral (brain impedance plethysmography) and peripheral (RVG) blood circulation, which characterizes pulse blood filling, variable diameter vessels tone and venous drainage state, as well as for evaluation of central hemodynamics parameters and heart's pumping ability by Tischenko integral rheogram (stroke/minute volume, stroke and cardiac index, etc).</p> <p>Connected to polygraphic channels of ABP-4.</p> <p>Cable length – 0.4 m.</p>	 <p>For software functional biocontrol with biofeedback "Rehacor".</p> <p>Set of electrodes and accessories for RB adapter is required to be purchased.</p>
5.1.1	A_5339	<p>Accessories and Electrodes Set for ICG Adapter RB.</p> <p>Allows recording brain impedance plethysmography, RVG and ICG by Tischenko using RB.</p> <p>Includes:</p> <ul style="list-style-type: none"> • rheographic cable "Y-type" (length – 1.5 m) – 2 pcs.; • set of electrode cables (length – 1.5 m) – 2 pcs.; • REG Electrode with a snap connector – 2 pcs.; • ribbon electrode (length – 0.4 m) – 4 pcs.; • REG electrodes fixing ribbon.  <p>rheographic cable "Y-типа"</p> <p>set of electrode cables</p> <p>REG Electrodes</p> <p>ribbon electrodes</p>	<p>Electrode gel is required to be purchased.</p>




5.2	A_4772	<p>Tetrapolar ICG Adapter (RT) for ICG by Shramek</p> <p>For evaluation of central hemodynamics and heart's pumping ability parameters by Shramek. If used with RB, simultaneously evaluates brain impedance plethysmography and CHD.</p> <p>Connected to polygraphic channels of ABP-4.</p> <p>Cable length – 0.4 m.</p>		<p>For system analysis of hemodynamics with the software functional biocontrol with biofeedback "Rehacor".</p> <p>Accessories for RT adapter are required to be purchased.</p>
5.2.1	A_5338	<p>Accessories for ICG Adapter RT</p> <p>Records ICG by Shramek.</p> <p>Includes:</p> <ul style="list-style-type: none"> • rheographic cable "Y-type" (length – 1.5 m) – 4 pcs.; • Electrode Jumper Cable PTR-10 to register REG and carry out studies by integral rheography by Tischenko. 	 <p>rheographic cable "Y-type"</p> <p>electrode jumper cable PTR-10</p>	<p>Disposable ECG electrodes are required to be purchased.</p>
5.3	A_2673	<p>Respiratory Effort Sensor ("RespEff")</p> <p>For evaluation of parameters of abdominal and thoracic respiration (breathing rate and amplitude, duration of in- and exhalation phases).</p> <p>Cable length – 1.2 m.</p> <p>The set includes belts for children and adults.</p>		<p>Thoracic and abdominal breathing registration requires 2 respiratory effort sensors.</p>



5.3.1	A_7350	<p>Small additional belt for respiratory effort sensor.</p> <p>For chest circumference of 40-80cm.</p>		
5.4	A_4141-2	<p>Photoplethysmogram (PPG) Sensor</p> <p>For evaluation of parameters of peripheral blood circulation which characterize pulse blood filling and tone of variable diameter vessels.</p> <p>Cable length – 1.2 m.</p> <p>The set includes:</p> <ul style="list-style-type: none"> • finger cuff; • sensor fixer "ear clip". 		Additional sensors at customers' option for various applications, as well as for multiparameter registration in sports medicine, psychophysiology, clinical and scientific research.
5.5	A_4139	<p>Temperature Sensor</p> <p>For evaluation of skin surface temperature in selected body area.</p> <p>Cable length – 1.2 m.</p>		
5.6	A_4142	<p>Envelope EMG Sensor (double)</p> <p>For evaluation of tone of selected muscle basing on envelope EMG measurement.</p> <p>Cable length – 1.2 m.</p>		

5.7	A_5731	Envelope EMG sensor (triple) For evaluation of tone of selected muscle basing on envelope EMG measurement. Cable length – 1.2 m.		Additional sensors at customers' option for various applications, as well as for multiparameter registration in sports medicine, psychophysiology, clinical and scientific research.
5.8	A_4143	GSR Sensor ("GSR") For evaluation of vegetative manifestations and emotional stress basing on the measurement of GSR phase component. Cable length – 1.2 m.		
5.9	A_5119	Skin Conductance Sensor (EDA-ElectroDermal Activity) For evaluation of vegetative manifestations and emotional stress basing on the measurement of phase and tonic components of skin conductance. Cable length – 1.2 m.		
5.10	Movement sensor (Move) wired			
5.10.1	A_5361	Movement sensor (Move) wired 1.2 m long		
5.10.2	A_5361-1	Movement sensor (Move) wired 2 m long		

5.11	A_4740	<p>ECG Cable for bipolar derivation with neutral electrode</p> <p>3 snaps for disposable electrodes.</p> <p>Cable length – 1.5 m.</p>		<p>Used for:</p> <ul style="list-style-type: none"> • BFB training (software "Rehacor"); • heart variability analysis (software "HRV").
5.12	A_4194	<p>Bipolar Cable for EMG/SP Channels</p> <p>The cable contains 2 recording snap electrodes, there is no neutral electrode.</p> <p>Cable length – 1.45 m.</p> <p>For disposable electrodes.</p>		
5.13	A_5202-1	<p>Bipolar EEG Cable with electrodes for contact gel</p> <p>Electrodes are fixed with silicone tube caps.</p> <p>The cable contains 2 recording electrodes, there is no neutral electrode.</p> <p>Cable length – 1.5 m.</p>		<p>Used with N-electrode attached onto the patient and connected to the same registration unit to which these cables can be connected to.</p> <p>Electrode gel and set of silicone tube caps for EEG/REG electrodes attachment are required (A_2804-2).</p>

5.14	A_4031	<p>Bipolar EEG Cable</p> <p>Cup, adhesive electrodes.</p> <p>Cable length – 1.5 m.</p> <p>The cable contains 2 recording electrodes, there is no neutral electrode.</p>		<p>Used with N-electrode attached onto the patient and connected to the same registration unit to which these cables can be connected to.</p> <p>Required:</p> <ul style="list-style-type: none"> • electrode paste EC2, TEN-20 or similar; • adhesive plaster (A_1302); • glue-collodion (probe is provided); • glue remover; • compact hair-dryer for quick gel drying (purchased individually at pharmacy or shop).
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6.	Gels, disposable electrodes and accessories			
6.1	A_2669	Ten20 Conductive Paste For adhesive cup electrodes (114 g).		
6.2	A_6532	Electrode Cream EC-2 or similar For adhesive cup electrodes (100 g).		
6.3	Electrode gel <ul style="list-style-type: none">for cup EEG electrodes for contact electrode gel;for EEG electrodes from removable electrode systems with fixing EEG electrodes in eyelets.			
6.3.1	A_1854	Electrode gel 250 ml bottle		
6.3.2	A_1854-1	Electrode gel 1 L bottle		
6.4	A_1302	Adhesive plaster (OMNIFIX elastic or similar) To fix electrodes and sensors. Dimensions 10 mm x 5 cm.		Recommended for adhesive EEG electrodes (with EC2, TEN-20 or similar paste) in order to preliminary fix the electrodes before collodion gluing.
6.5	A_2714	Disposable snap ECG Electrode (for EOG, EMG) 50 pcs. in 1 pack		

7.	Required computing hardware and office equipment		
7.1	Personal computer Software of Objective psychological analysis and testing system "Egoscop" is installed on the computer in accordance with selected sales package.		Configuration and characteristics are approximate and should be specified when order.
7.1.1	A_2380	Personal computer (Portable) One additional monitor is connected.	
7.1.2	A_2380-1	Personal computer (Portable) Two additional monitors are connected.	
7.1.3	A_4305	Personal computer (Stationary) One or two additional monitors are connected.	
7.2	Additional accessories and software for Personal computer		
7.2.1	A_6843	Mobile HDD 1000 GB	
7.2.2	A_4300	Computer Acoustic System (2.1, 3.1 or quality closed type headphones – at customer's option) Required if FBC with biofeedback "Rehacor" software is present in sales package	
7.2.3	A_5109	Antivirus application "Kaspersky Internet Security". Recommended to protect PC from viruses	
7.2.4	A_4319	MS Office ENG. Recommended to be installed at PC. Required package contains Word and Excel	
7.2.5	A_2604	Bag for laptop transportation	
7.2.6	A_4299	Uninterruptible power supply	

SW-key (USB) is required.

Minimal requirements:

- Intel Core i5;
- RAM 4GB;
- HDD 500GB;
- monitor 15";
- OS Windows 10.

If the customer requires and is able to purchase the improved characteristics, inform the manufacturer about it: advanced characteristics should be approved by the manufacturer.

7.3	A_0687	<p>Additional Monitor</p> <ul style="list-style-type: none"> • minimal diagonal 23"; • resolution 1920x1080; • aspect ratio 16x9. 		<p>Monitor is required if the following software is present in sales package:</p> <ul style="list-style-type: none"> • FBC with biofeedback "Rehacor"; • "Encephalan-AVS".
7.4	A_5565	<p>Digital widescreen TV-set</p>		<p>At Customer's option if software FBC with biofeedback "Rehacor" is present in sales package:</p>

7.5	A_3750	Electronic tablet		<p>OS Windows 10.</p> <p>Required for operational control of data record at free state of a test person.</p>
7.6	A_4087	<p>Printer</p> <p>Laser Black-And-White A4 format</p>		<p>Another printer type supply – by agreement.</p>
7.7	A_4088	Equipment Trolley for computing hardware		<p>Equipment Trolley is adapted according to the computer and office equipment from the sales package.</p>

Equipment Trolley for computing hardware

with a drawer



