



## Facilities

### General

- Single-level database on local PC
- Ability to connect to the cloud service to synchronize examinations with the main complex
- Automatic software updates

### Measurement

- ECG registration in any of the standard leads

### Analytics

- Dynamic observation
- Simultaneous presentation of the results of 2 examinations for comparative analysis
- Comprehensive assessment of functional status
- Evaluation of vegetative regulation parameters by methods of statistical and spectral analysis of heart rhythms
- Evaluation of central regulation parameters by methods of neurodynamic analysis of biological rhythms of the body
- Assessment of the psycho-emotional condition of the patient using phase analysis and mapping of biological rhythms
- Assessment of biological age and adaptive capacity of the organism by fractal analysis

### Reports

- A standard examination report
- Comparative report on 2 examinations
- Sending reports by e-mail to patients



## Technical characteristics of ECG device

Input voltage range	0,03-5 mV
Direct current in the patient's network, not more than	0,1 $\mu$ A
Sampling frequency of input signal	1000 Hz
ADC resolution	12 bits
The electric safety of the device	Is compliant with the standards GOST R 50267.0 and GOST 50267.25 (IEK 601) for devices of protection grade II, type BF.
Operating temperature	0°C to +50°C
Case material	ABS plastic
Case colour	matte white
Number of leads	1
Number of electrodes	2 units
Lead cable length	1 m
Computer communication interface	USB 2.0
USB cable length	1,8-3,0 m
Power supply	from computer via USB, +5 V, 100 mA
Size	100 x 50 x 25 mm
Weight	83 g

## Minimum system requirements

Operating system	Microsoft Windows 10
Processor	Intel Core i3 / AMD Ryzen 3
RAM	4 GB
Free disk space	500 Mb
Minimum screen resolution	1024x768 pixels