



Innovative technology
for monitoring health and longevity

AngioScan-01P

wearable personal device for cardiovascular system diagnostics

What is it for?

The device AngioScan-01P allows to conduct an early diagnostics of cardiovascular system, assess the health condition of blood vessels and detect the risk of cardiovascular diseases, such as atherosclerosis, essential hypertension, heart failure, diabetes, coronary arterial disease, stroke or heart attack in several years before any clinical manifestations of the disease.

Besides, AngioScan-01P may be used for monitoring of the effectiveness of cardiovascular therapies, food supplements and physical exercises.

What parameters does AngioScan-01P measure?

Non-invasive test lasts for 2-minutes and evaluates the following parameters:

- Pulse rate (shows fitness rate of blood vessels and allows to detect some cardio-vascular diseases)
- Pulse wave (indirectly shows the elasticity of arterial walls)
- Biological age of vascular system (indicates the state of small arteries and shows the level of deterioration of the body)
- Stiffness of arterial wall (high stiffness of arterial wall may be associated with such diseases like arterial hypertension, coronary heart disease, diabetes, sleep apnea, erectile dysfunction in men)
- Stress level (reflects the adequacy of the functioning of the autonomic nervous system in the regulation of cardiac activity)
- Oxygen saturation level



AngioScan-Electronics LLC

Office 503, 16 Baumanskaya st., Moscow

info@angioscan.ru

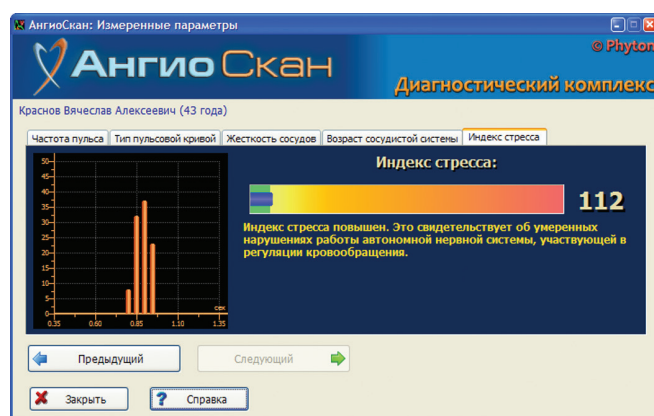
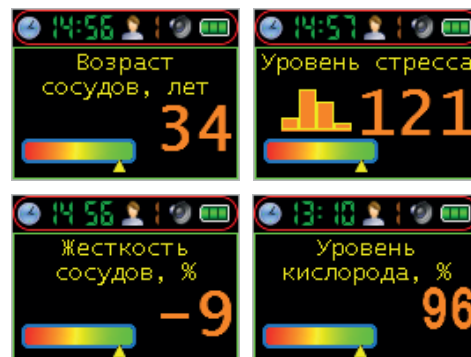
www.angio-shop.ru www.angioscan.ru

+7 (495) 662-11-50

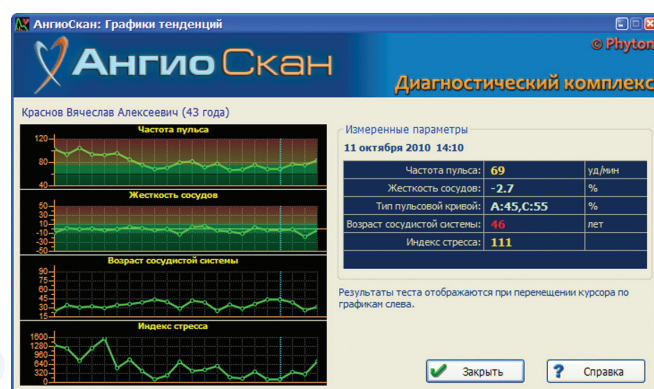
All the results are provided in graphics and easily understandable color scale. If you connect the device to PC, you will get a detailed medical conclusion of your cardiovascular system and recommendations about lifestyle improvement, nutrition and additional medical tests.

Wide capabilities of the device, ease of testing and possibility of getting a detailed medical conclusion allow to use «AngioScan-01P» by all family members.

All the measuring results can be stored in a built-in memory of the device. Graphics of the results clearly demonstrate trends of deterioration or improvement of parameters. Tracking the alterations of parameters allows to detect cardiovascular diseases in the earliest stages, timely seek medical care, work out a strategy of prophylaxis and avoid the progression of serious complications in the future.



An example of result of the tested parameter - stress level



For each tested parameter, the program displays graphics of trends, which are convenient for tracking alterations of your cardiovascular system

Parameter	Norm	Measured value	Conclusion
Heart rate	60 .. 75 bpm	92 bpm	Pulse rate is more than normal values (tachycardia)
Augmentation index at HR=75	15% .. 21.5%	-1.8%	Augmentation index is less than normal values corresponding with good condition of arteries' walls (11.5%)
Pulse wave type	B	C:100%	C-type wave is typical for younger subjects in the age of 18-35 years with normal elasticity of arterial walls
Vascular aging	38 .. 45 years	44 years	The value less or equal to chronological age indicating the good condition of the arteries
Stress index	< 100	1063	Very high stress index. Suggests the decrease pulse wave variability. Associated with poor prognosis in patient with heart failure, diabetes mellitus and severe arrhythmias
Oxygen saturation	96 .. 99%	96.3%	Normal saturation

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