



Laser systems for various purposes play a significant role in high technology fields of modern medicine, science and technology. Revolutionary innovations using unique properties of lasers make the bases for their stable position at the market all over the world.

The end user faces more and more difficulties while orienting among proposals from numerous providers. Irreproachable reputation and years of successful work of ALCOM medica ensures for your right decision. Contacts with ALCOM medica is a working collaboration with a team of professional laser system engineers whose high qualification make it possible to innovate original constructive and designer solutions that perfectly meet customers requirements.

The firm was based in 1990. Our organizational structure innables full work cycle starting from design and certification up to commercial manufacturing. Our devices are successfully used in medicine, measuring, publishing, show business, metal treatment. We have realized a number of complicated projects of a great social value in the field of medicine.

## AGAT



Surgical diode laser *AGAT* (*ALOD - 01*) of infrared spectral band. Less service life time more than 5 years.

Optical output power	3 - 30 W
Wavelength	800 - 1064 nm
Aiming beam	red
Standard fiber	200 - 400 $\mu$ m
Exposure time	50 ms - 3 s
Weight	5 kg

The *GRANAT* laser was designed especially for the photodynamic therapy application.

## GRANAT



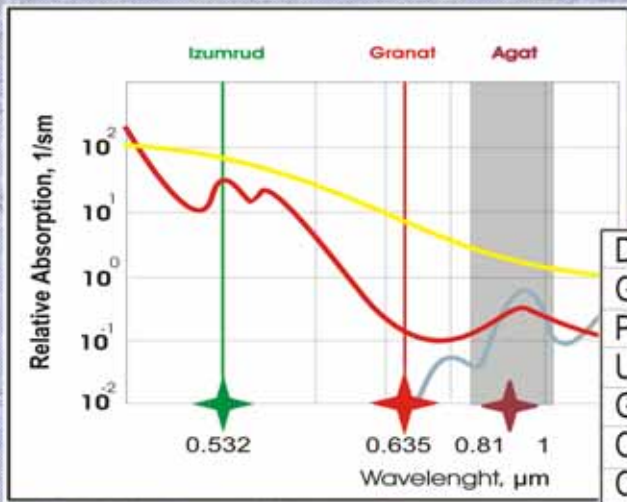
Optical output power	2 W
Wavelength	635 or 660 nm
Laser connector	SMA - 905
Standard fiber	400 $\mu$ m
Exposure time	100 ms - 1 h
Weight	6 kg

## IZUMRUD



Solid state laser with diode pumping. Lasers of such type replace well-known in medical practice argon systems. *IZUMRUD* has compact size.

Optical output power	1.5 W
Wavelength	532 nm
Aiming beam	red
Standard fiber	50 - 200 $\mu$ m
Exposure time	50 ms - 3 s
Weight	11 kg



Scopes and methods of treatment are determined by a degree of absorption of laser radiation of the chosen length of a wave in various structures of a living tissue.

— Haemoglobin  
— Melanin  
— Water

Dermatology	+			+
Gynecology	+			+
Proctology	+			+
Urinology				+
Gastroenterology	+			+
Ophthalmology	+			+
Oncology:				
Photodynamic therapy			+	
Hyperthermia				+
Thermotherapy				+
Dental medicine	+			+

**Our medicine lasers have many certifications and prizes on different exhibitions.**



**Many of the well-known physicians use our devices and give positive opinions not only on our products but also on our service:**

*Balashevich L.I.:* Laser systems of ALCOM medica is an optimal combination of European quality and reasonable prices.

*Ballusec F.V.:* ALCOM medica gives a good example of a group that comes from Ioffe Physical Institute and is keeping and evolving the best traditions of this prominent institution.

*Petrishchev N.N.:* The devices of ALCOM medica are widely used in the hospitals of the Medical University since 1997 in patient treatment as well as for scientific purposes. Altogether there are 7 devices functioning in the University.

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