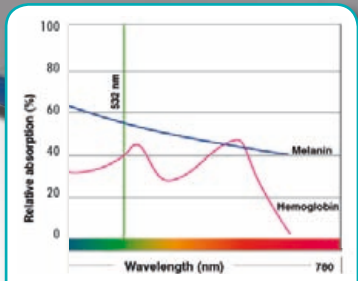
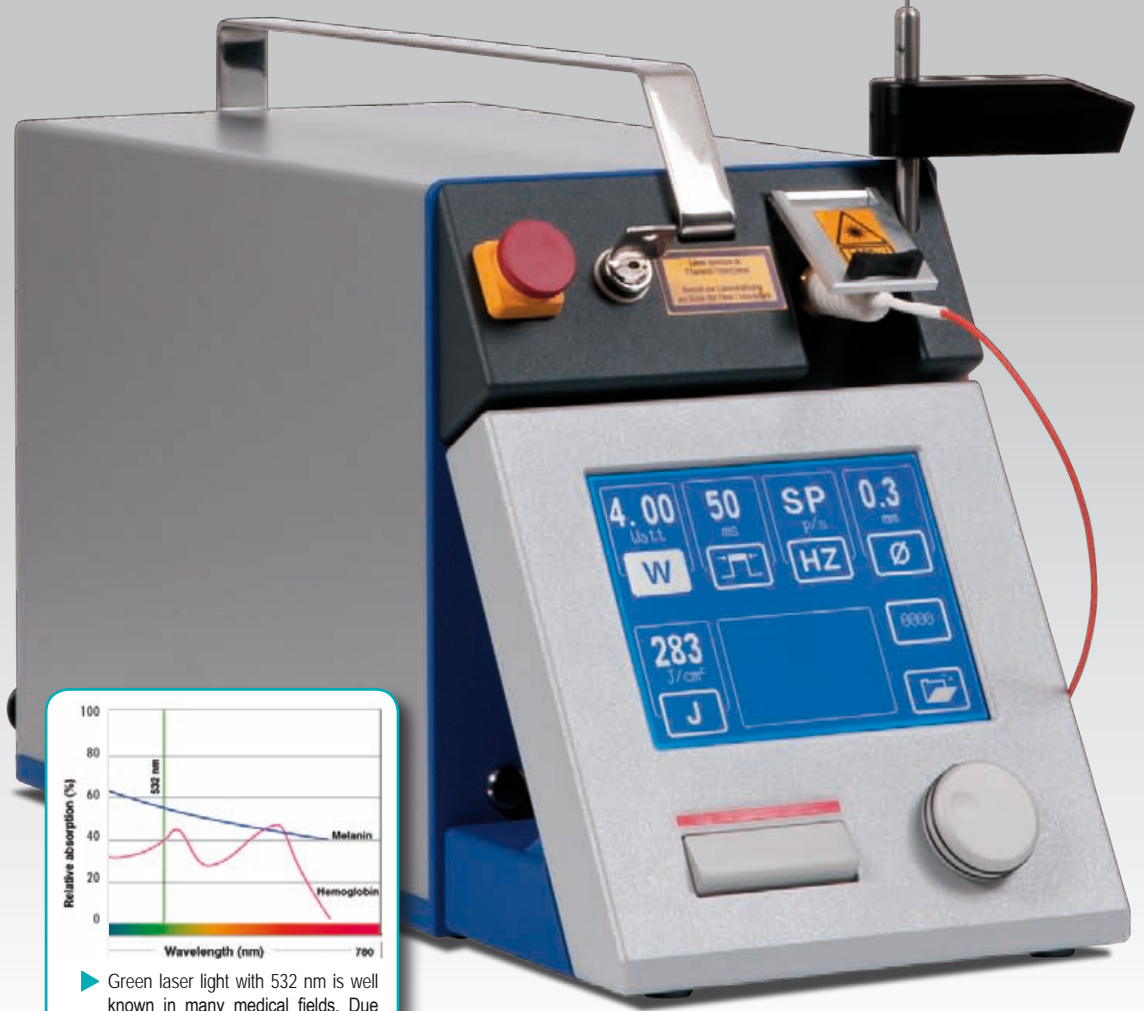


NUVOLAS

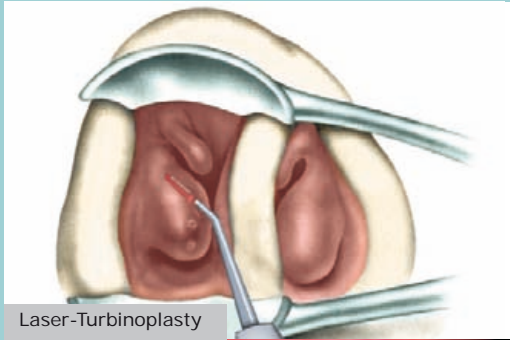
4W/8W KTP LASER

The green laser for ENT



▶ Green laser light with 532 nm is well known in many medical fields. Due to its main absorption in hemoglobin and high absorption in melanin this wavelength provides a wide range of applications in ENT.

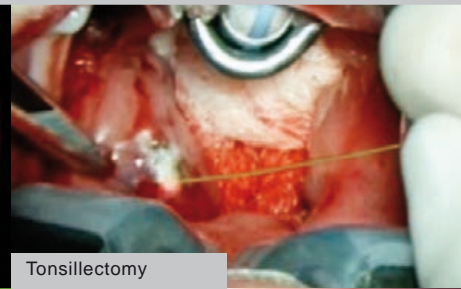




Laser-Turbinoplasty



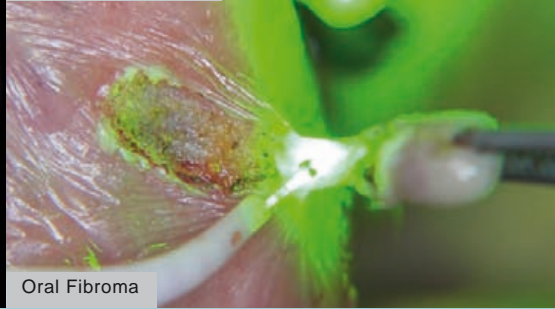
Laser DCR



Tonsillectomy



Epistaxis Control - non contact



Oral Fibroma

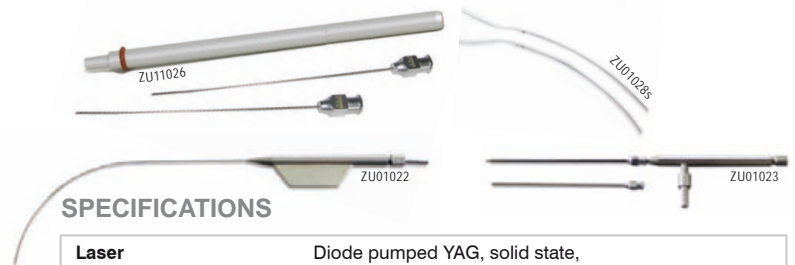
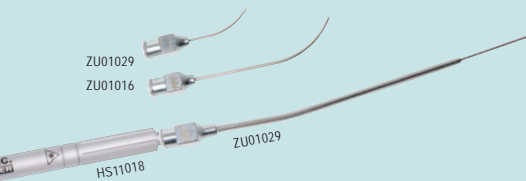


Oral Fibroma - no bleeding - fast healing

Cut and coagulate with the NUVOLAS KTP-Laser

- Mucosa Hyperplasia
 - Turbinate treatment
 - Polyps-/ papilloma resection
 - Tumor, Granuloma resection
 - Paracentesis, Myringotomy
 - DCR treatment / Lacrimal surgery
 - Removal of stenoses in Lacrimalis
 - Cysts, mucous cysts
 - Hemangiomas
 - Stapes surgery
 - Septum spur, septum deformation
 - Tonsillotomy, Tonsillectomy/LAUP
- Larynx surgery**
- Pediatric treatments**
- Endoscopy / Micro endoscopy**

The Nuvolas laser offers more precision and better efficiency compared to all diode lasers. Its 532 nm wavelength absorbs selectively in haemoglobin and pigments as well as in any coloured tissue components. Less power is needed compared to all infrared wavelengths. Carbonization and deep tissue alterations are reduced and therefore healing time and patient comfort are enhanced due to less swelling, bruising and pain.



Very Useful: The detachable display offers more freedom for your medical care.



SPECIFICATIONS

Laser	Diode pumped YAG, solid state, frequency-doubled Nd:YAG
Wavelength	532 nm (green)
Max. output power	4 Watt, 8 Watt optional
Pulse duration	2 ms to CW (adjustable)
Pulse frequency	1 to 6 Hz
Spot size	ø 0.25 / 0.6 / 1.2 mm
Optical delivery	300 µm flexible fiber
Standard display	Removable remote control with TFT screen
Aiming beam	Laser diode 635 nm (red) - adjustable intensity
Cooling	Internal air cooling
Power requirements	~230 V, 5 A / ~115 V, 10 A
Weight	12 kg
Dimensions	465 x 181 x 267 mm

Technical data is subject to change without notice. The device and the delivery system is protected by one or more patents.

