

HighSurg 30

80,000 rpm, highspeed Surgical Motor System for multiple applications.



As part of the new generation of Nouvag's Surgical Motor Systems the HighSurg 30 was developed for a wide variety of applications, such as ENT Surgery, Neurosurgery, Maxillofacial Surgery as well as Orthopedics and Arthroscopy. The conciliatory treatment of patients by minimally invasive surgical techniques in conjunction with endoscopy was the central part in the development of the new HighSurg 30.

A sophisticated, micro processor controlled motor management is responsible for a silky-smooth, low vibration running of any handpiece with speeds of up to 80,000 rpm. Precise and safe cuts, as we know them only from high priced Motor Systems, are now possible with this further developed Shaver System with a continuous mode as well as an oscillating mode.

The cooling of the instruments is maintained by the built-in, fine tunable peristaltic pump. A broad range of newly developed Shaver Blades are available for all the situations one might think of and form a well matched unified whole with the new HighSurg 30. The user-friendly conception of operation together with its big display, which holds all information ready at a glance, as well as the real-time representation of the revolutions per minute and the torque graph, provide safety and confidence in every situation. To keep your focus on the job we equipped the HighSurg 30 with two motor sockets, which allows to have two handpieces with full equipped cooling system ready at any time. With the included pedal you control the pump, the programmes and the motor. The tread-plate controls the revolutions per minute of the motor and the activation of the pump. The HighSurg 30 is eminently suitable for all fields of Micro Surgery and convinces by the ideal combination of carefully aligned technologies and materials.

The following Power Tools are supported by the HighSurg 30 (further Power Tools will follow):



- Surgical standard handpieces in various styles and formats.
- Surgical high speed Handpiece in various styles and formats for speeds of up to 80,000 rpm.
- 1:3 Multiplier Handpiece
- Tattooing Handpiece
- Kirschner Handpiece
- Jacobs drill Handpiece
- Shaver-/Debrider Handpieces
- Dermatomes
- Micro saws for Surgery
- Craniotome
- Cranial Perforator

HighSurg 30, technical data

Voltage:	switchable: 100 V-/ 115 V-/ 230 V-, 50-60 Hz
Fuse, power supply:	2 fuses, T 3.15 A, L, 250 VAC
Power consumption:	120 VA
Applied part:	Typ B*
Protection class:	Class I
Dimensions (W x D x H):	260 x 250 x 110 mm
Net weight control unit:	3.7 kg
Motor:	
Motor-coupling:	Intra coupling ISO 3964
Motor speed:	300 - 50,000 rpm**
Max. Motor torque:	6 Ncm
Motor weight:	0.280 kg
Motor cable length:	3 m
Pedal:	
IP-Code (pedal)	IPX8

*Applied part of Type B is the instrument used with the HighSurg 30.

**Optional available, Motor with a max. speed of 80,000 rpm.