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Plastic Surgery Unit TCM 3000 BL

The all-rounder for Plastic surgery!

Developed especially for surgery appliances, this microprocessor controlled unit is very user-friendly. It also considerably facilitates the daily practice routine of the surgeon.



Fields of Application

- ✓ Oral, maxillofacial surgery
- ✓ Liposuction
- ✓ Anaplasty
- ✓ Dermabrasion





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Advantages

- ✓ Economical due to the very good cost/performance ratio
- ✓ High performance and torque
- ✓ The continuous torque is constantly monitored by the control unit
- ✓ Microprocessor controlled

Description



Operation Panel

(1) Display

Indicates current rotation speed

DTM

Preset key for dermatomes

LIPO

Preset key for liposuction

THP

Preset key for tattooing handpiece

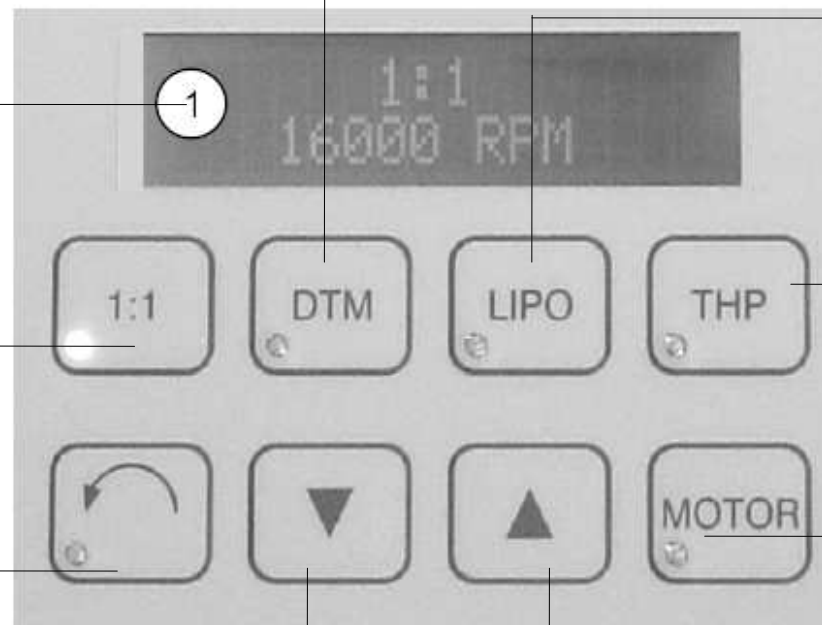
Motor

green LED is lighted if motor is on

Preset key for transmission 1:1

Reverse Mode





green LED is lighted if motor is in reverse rotation (additionally, an acoustic signal is given)



Decreasing rotation speed

Increasing rotation speed

Preset Keys for Reductions and Transmissions

		Speed range	Torque range
	Transmission 1:1	500 - 40'000 rpm	10 Ncm
	DTM (Dermatome)	8'000 rpm (fix programmed)	
	LIPO (Liposuction)	10'000 rpm (fix programmed) equals about 3'500 strokes at the handpiece	
	THP (Tattooing handpiece)	8'000 rpm (fix programmed)	

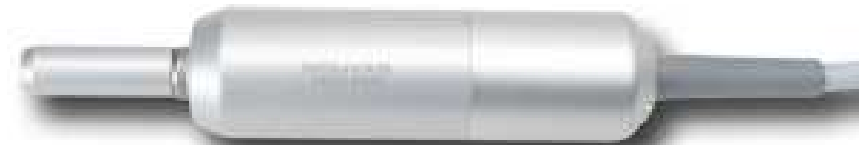
Vario Foot Pedal Suitable for Operation Theatre (IP68)



Attention: Due to safety considerations, the unit can only be operated with plugged in foot pedal

Electronic motor 31 ESS

- Material: Medical stainless steel
- Electronic motor (**brush less**)
- Max. number of revolutions:
40'000 rpm
- Output power: 200 Watt
- Weight: 260 g including cable
- E-Type coupling (ISO 3964)



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Handpieces and Contra Angles

Handpieces and contra angles



Micro Saws



Dermatome / Mucotome



Contra angle for Kirschner-wires



Tattooing Handpiece



Conform-Cannula Handpiece (Liposuction)





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Conform-Cannula-Handpiece

Handpiece for cannulae for minimally invasive liposuction

The Conform-Cannula-Handpiece has been specifically designed for the Vacuson 60LP liposuction pump and TCM 3000 BL surgery unit. It is powered by an electronic motor, which produces the tissue-preserving vibration of the suction cannula.





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Advantages for the surgeon

- ✓ optimal cosmetic results
- ✓ precise working/ optimal aspiration of fat tissue
- ✓ effortless and more gentle operation
- ✓ considerable reduction of operating time
- ✓ optimised calculation of time and cost
- ✓ maximum protection of patient
- ✓ handpiece is compatible with all standard cannulas

Advantages for the patient

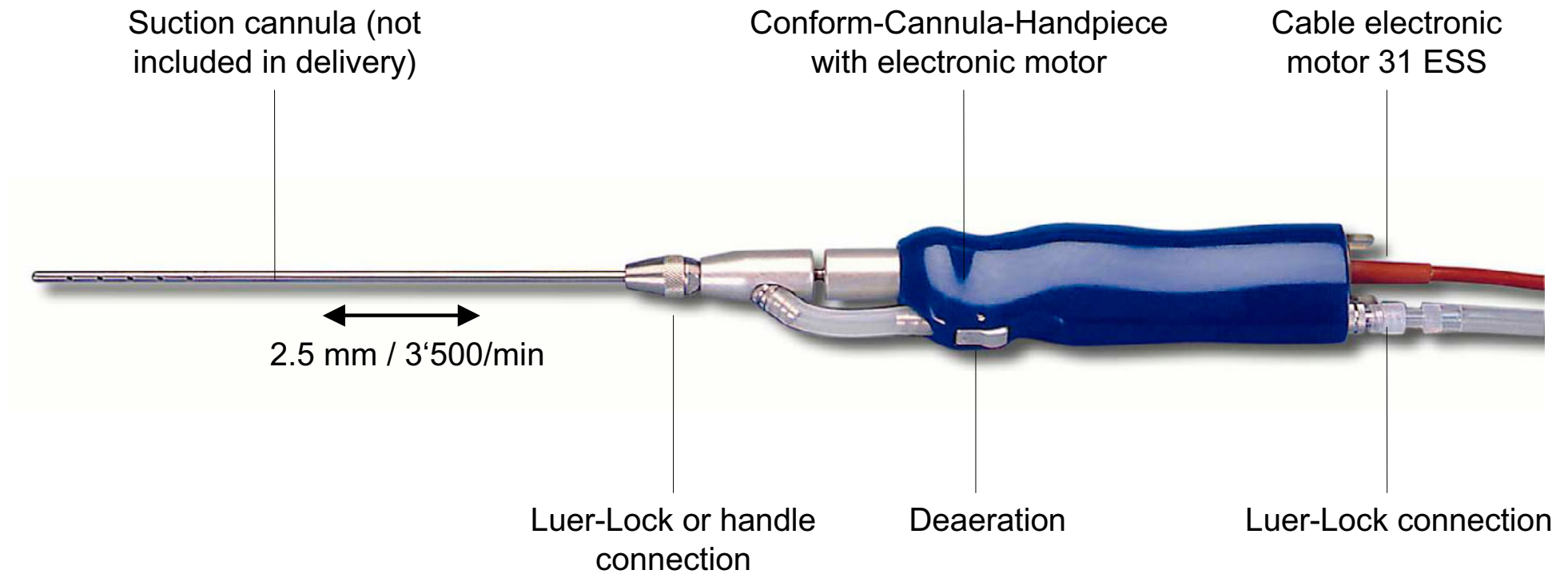
- ✓ optimal cosmetic results
- ✓ more gentle operation
- ✓ no thermal injuries caused to tissue
- ✓ fast post operative recovery

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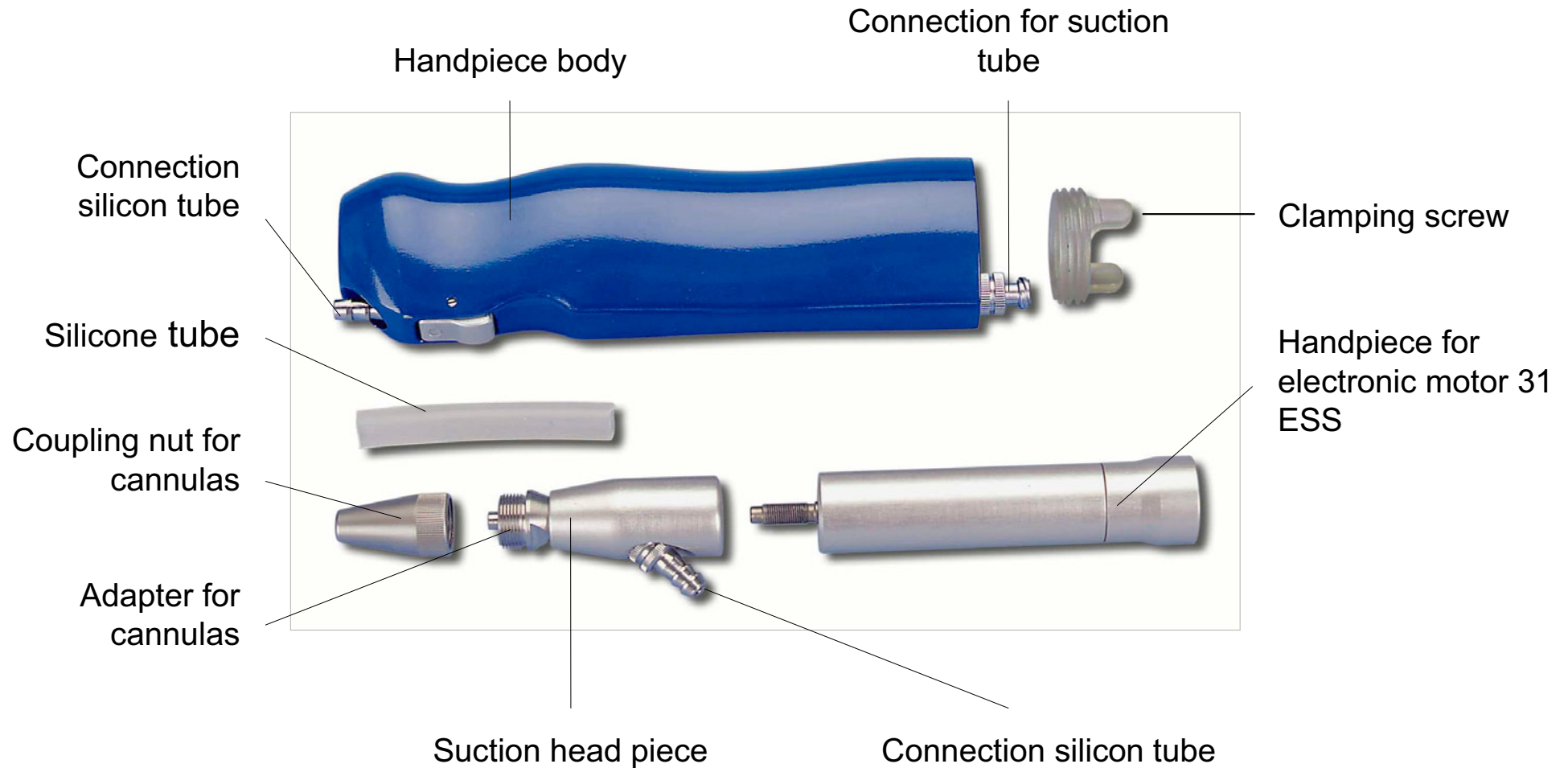
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Conform-Cannula-Handpiece



Conform-Cannula-Handpiece





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Technical Data

Working stroke Conform-Cannula-Handpiece:	2.5 mm
Frequency Conform-Cannula handpiece:	3'500/min
Drive system handpiece:	Electronic motor 31 ESS
Electronic motor 31 ESS	50 W
Accreditations:	CE 1275, Class IIa / IEC 601, Class 1, Type BF



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Handpieces and contra-angles

All Nouvag handpieces and contra-angles are:

- ✓ E type couplings (ISO 3964)
- ✓ Maintain all relevant standards and directives (CE127)
- ✓ Made out of high quality Medical stainless steel



NouClean Maintenance Spray

- ✓ For maintenance of your top-quality precision instruments made by NOUVAG
- ✓ Environmentally friendly - without CFCs
- ✓ Reusable nozzles; easy change-over to full spray can



- ✓ Nozzle for micro motor
- ✓ Nozzle for contra angle





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Technical Data

Operating voltage:	switchable, 100 V, 115 V/60 Hz, 230 V/50 Hz
Power consumption:	60 VA
Drive system:	Electronic motor (brushless)
Speed range:	500 - 40'000 min ⁻¹
Motor torque:	10 Ncm
Handpiece torque:	10 Ncm
Dimensions control unit (W x D x H):	115 x 120 x 180 mm
Weight control unit	1.8 kg
Accreditations:	CE1275 Class IIa / CSA / FDA / IEC 601, protection class IIa, applied part type BF