

XENOX-Dent 50s



Premium laboratory handpiece with sensor technology

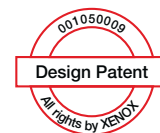
Motor handpiece XENOX-Dent 50s

The premium laboratory handpiece with brushless drive up to 50,000rpm. Sensor-controlled, powerful and handy.



Includes a 2.35mm collet.

- Ergonomically rounded triangular shape with soft components in the grip area for optimal handling in pen and fist position.
- Extremely strong, brushless DC motor. Sensor-controlled for high torque, even at lower speeds.
- Maximum torque 7.8Ncm.
- Virtually noiseless and vibration-free operation.
- No heating up even in hard, continuous use.
- Quick tool exchange by twisting the housing parts by 90°.
- For clockwise and anti-clockwise rotation at full speed (also ideal for left-hand use!).
- Highly flexible rubber cable, length 150cm. For connection to the knee control unit.



Technical data motor handpiece

| | |
|-----------------------------------------------|---------------|
| Speed (clockwise and anti-clockwise rotation) | 0 – 50,000rpm |
| Maximum torque | 7.8Ncm |
| Weight without cable | 290g |
| Length | 165mm |
| Max. Ø at soft component | 28.5mm |
| Output | 230W |
| True running accuracy | < 0.01mm |
| Collet (included) | 2.35mm |
| Collet (optional) | 3mm |

Quick tool exchange by twisting the housing parts by 90°.



Motor handpiece XENOX-Dent 50s

As described above. For connection to the knee control unit. Including collet 2.35mm.

NO 67 022

single

Knee control set XENOX-Dent 50s

Includes motor handpiece, knee control unit and handpiece rest.



The knee control unit's electronics

Controls the brushless motor of the handpiece, adjusting speed and torque, and responding in the event of malfunction (blocked motor or overload). Digital display for speed and error code messages. Practical fastening rail for fixing the control unit beneath the work bench.

Keypad

Easy to read and self-explanatory. High-quality coated front label with detergent-proof surface and permanent marking.

Function

The required maximum speed is pre-selected on the adjusting knob. This rotational knob has a locking key that must be pressed, if speeds over 40,000rpm are required. The knee-activated lever infinitely controls the speed up to the pre-selected maximum speed.

Activatable speed control function

If the speed remains constant for 3 seconds during operation via knee-activated lever you will hear a beep. Thereafter the "working speed" does not change, even if the knee-activated lever is no longer operated. This function is deactivated, as soon as the knee-activated lever is pushed again.



Motor handpiece XENOX-Dent 50s

Included in the scope of delivery.
For detailed technical data see page 2
of this brochure.

Technical data knee control unit

| | |
|-------------------|------------------|
| Input voltage | 220 – 240V |
| Output voltage | 36V |
| Frequency | 50/60Hz |
| Power consumption | max. 2A |
| Size | 270 x 225 x 95mm |
| Weight | approx. 3.3kg |

Knee control set XENOX-Dent 50s

Includes motor handpiece (including collet 2.35mm), knee control unit and handpiece rest.

NO 67 010 set

XENOX-Dent 50s product range

NO 67 010 XENOX-Dent 50s
Knee control set



NO 67 022 XENOX-Dent 50s
Motor handpiece, single



NO 67 034 Motor handpiece rest



NO 67 028 Collet 2.35mm



NO 67 030 Collet 3mm



Service note

XENOX-Dent systems are in accordance with the highest quality standards. All devices that leave our company have undergone a piece-by-piece final inspection and test. However, if a defect should occur during operation, please contact us directly at:

XENOX Service Center
Industriepark Region Trier
Dieselstraße 3 – 7
54343 Föhren
Germany

We will help you in a speedy, uncomplicated manner and also supply spare parts upon request.



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