

Intelligent design. Distinctive detail. The Zimmer Surgical Motor System.

The result of years of research, development, and refinement by industry leader W&H, the *Zimmer* Surgical Motor System is the finest in intelligent design and simplicity. Designed for surgical specialists who perform implantology and maxillofacial surgery, this surgical motor system will quickly become your preferred solution for implant placement and bone grafting.



For more information about our Products and Educational Opportunities, contact us:

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Zimmer®
Surgical Motor
System



Unsurpassed simplicity, reliability, and convenience—
at the touch of a button.



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The critical clinical virtues: simplicity, reliability, convenience.

The *Zimmer Surgical Motor System*. It's an essential component of our philosophy of providing total solutions for dental professionals around the world. The ready-to-use system comes complete with a motor, console, irrigation tubing, and foot pedal.

- Easy-to-follow programs are pre-set for Zimmer Dental products, allowing flawless and convenient operation
- Lightweight, 20:1 contra-angle handpiece incorporates an improved chucking system that provides increased torque control, raising confidence during surgery
- System offers a wide motor speed range of 300-40,000 rpm and is compatible with a variety of handpieces that have a universal ISO connection
- Worldwide service centers offer quick turnaround time



System Components

Console

For maximum clarity and convenience, the console features a simple array of buttons and a bright, easy-to-read display. Program settings are simple to change for use with other implant systems.

Motor

Utilizing a universal ISO connection, the motor can be used with straight and contra-angle handpieces of all types. This quiet-running, maintenance-free motor can be easily sterilized.

Irrigation Tubing

Conveniently included with the system, the one-piece irrigation tubing requires no assembly and is disposable, saving you time on routine maintenance. A variety of tubing is also available to meet your practice needs.

Foot Pedal

The foot pedal allows you to easily turn the motor on and off, switch programs, adjust clockwise/counter-clockwise running, seamlessly control the motor speed, as well as turn the coolant pump on and off.

A new, enhanced version allows for more control in speed regulation, offers a removable handle for added convenience, and is available for individual purchase.



Zimmer Surgical Motor System Pre-Set Programs Chart

Program	1	2	3	4	5
Procedure	Drilling	Drilling	Implant Insertion Implant Removal	Implant Insertion Implant Removal	High Speed Drilling, Wisdom Teeth & Block Grafts
Transmission Ratio	20 : 1	20 : 1	20 : 1	20 : 1	1 : 1
Speed (rpm)	1,200	850	15 Forward 30 Reverse	30 Forward 30 Reverse	35,000
Factory Setting					
Adjustable Range (rpm)	15 – 2,000	15 – 2,000	Fixed	Fixed	300 – 40,000
Torque (Ncm)	Max	Max	35	35	Max 5.5
Factory Setting					
Adjustable Range (Ncm)	—	—	5 – 50 (In 5 Ncm Increments with an Intermediate Stage of 32 Ncm)	5 – 50 (In 5 Ncm Increments with an Intermediate Stage of 32 Ncm)	—
Intermediate Stage (Ncm)					
Motor Direction	Forward	Forward	Forward/Reverse	Forward/Reverse	Forward
Pump	On	On	Off	Off	On

A precise handpiece for every application.

Crafted from 100% stainless steel, an extensive range of handpieces enables a wide range of implantology and maxillofacial surgery applications. Engineered with Austrian precision, these handpieces are constructed to meet your most demanding procedures with ease and reliability.

- Contra-angle handpiece and reciprocating, oscillating, and sagittal saws allow for bone drilling and cutting in various directions
- Contra-angle handpiece can be thoroughly cleaned without dismantling
- All handpieces deliver low vibration and quiet operation for a smoother procedure

New 20:1 Contra-Angle Lighted Handpiece



- Shed new light on your surgical site with the new WI-75 LED G Contra-Angle Handpiece, which contains an independent light generator. The improved design eliminates the need for a separate motor unit with light-generating capabilities, and is compatible with all motors that have an e-type connection. With a brightness of 5,000 to 31,000 Lux and large illumination field, this innovative LED technology provides intense daylight-quality light, superior to standard halogen bulbs.



Reciprocating Saw



Oscillating Saw



Sagittal Saw



Contra-Angle Handpiece 20:1

Ordering Information

Part Number	Description	Supplied Voltage	Coolant Flow
00900125	Zimmer Surgical Motor System 115V*	100-130 V, 50/60 Hz	Approx 100 ml/min
00900124	Zimmer Surgical Motor System 230V*	220-240 V, 50/60 Hz	Approx 100 ml/min
10207557	WI-75 E/KM Contra-Angle 20:1		
10207561	WI-75 LED G Contra-Angle 20:1		
04363600	Disposable, One-Piece Tubing Set (6 Pcs)		
10100801	S-8 R Reciprocating Saw		
10100802	S-8 O Oscillating Saw		
10100803	S-8 S Sagittal Saw		
05046200	S-N1 Foot Pedal (Enhanced)		

* Each system includes console, motor, motor holder, foot control, irrigation stand, testing gauge for burs, oil spray cap for handpieces, 3 sets of one-piece, disposable irrigation tubing, and selection of power cables.

For other accessories or more information regarding the closest service center location, contact a local sales representative, distributor, or call Zimmer Dental customer service.