

Implantmed[®] Surgical Drill Motor System

Intuitive. Flexible. Powerful.



ZIMMER BIOMET
Your progress. Our promise.

Implantmed Control Unit



Intuitive User Interface Simplifies Your Treatment Process And Allows For Complete Customization



- The Osstell ISQ module uses Resonance Frequency Analysis (RFA) to measure for implant stability.



- W&H surgical stainless steel, scratch-resistant handpieces offer the durability, ergonomics and targeted irrigation needed for Oral, Maxillofacial and Implant Surgery.



- Multi-functional wired or wireless foot control allows sterile working and optimum freedom for your hands.



- Powerful motor with or without LED+ provides precise torque limitation with up to 80 Ncm of implant placement torque.



- Color touch screen with user-friendly menu guidance and tempered glass surface.
- Customizable user interface can be set to display individual drill protocols for multiple surgeons.



- The pump is designed for easy operation and enables quick loading of the irrigation tubing prior to the procedure.

Technical Specifications



Implanmed Technical Information		
Type	SI-1023	SI-1015
Mains Voltage	230 V	120 V
Permissible Voltage Fluctuation	220 - 240 V	110 - 130 V
Rated Current	0.3 - 0.8 A	0.3 - 1.6 A
Frequency	50 / 60 Hz	
Mains Fuse (2 Pcs)	250 V - T1, 6AH	
Maximum Power Consumption	170 VA	
Max Mechanical Output Power	80 W	
Max Torque At The Motor	6.2 Ncm	
Motor Speed In Nominal Voltage Range	200 - 40,000 min ⁻¹	
Coolant Flow Rate At 100%	at least 90 ml/min	
Height / Width / Depth	100 x 262 x 291 mm	
Foot Control	S-N2 / S-NW	
Contra-Angle Handpieces With Mini Led+	WS-75 L, WS-56 L, WS-75 L G, WS-56 L G	



Surgical Handpieces Technical Information				
Type	Handpieces With Mini LED+ And W&H Connection		Handpieces With Mini LED+ And Generator	
	WS-56 L	WS-75 L	WS-56 L G	WS-75 L G
Transmission Ratio	1:1	20:1	1:1	20:1
Coupling System	W&H EM-19 LC / EM-19		ISO 3964 (DIN 13940) (works with any E-type connection)	
Lighting System	Mini LED+			
Power Supply	Via light contacts in EM-19 LC motor		Via independent generator	
Light Quality	Daylight			
External Spray	Single			
Internal Bur Cooling System	-	Kirschner/Meyer	-	Kirschner/Meyer
Chucking System	Push-button chuck			
Rotary Instruments	For surgical burs and cutters with contra-angled shaft ø 2.35 mm			
Maximum Drive Speed	50,000 min ⁻¹		40,000 min ⁻¹	
Can Be Dismantled	Yes			

Ordering Information



Item No.	Description
Drill Motor Systems	
30288000	SI-1023 control unit, 230 V
30289000	SI-1015 control unit, 120 V
Corded Motors	
30281000	EM-19 LC electric motor for SI-1015, SI-1023 w/LED+ & light contacts (LC), 1.8 m cable
30185000	EM-19 electric motor for SI-1015, SI-1023 without LED+ & light contacts (LC), 1.8 m cable
30281001	EM-19 LC electric motor for SI-1015, SI-1023 w/light contacts (LC), 3.5 m cable
Handpieces	
30041000	WS-92, contra-angle, 1:2:7, non-LED
30043000	WS-92 L, contra-angle, 1:2:7, mini LED+, EM-19 LC motor only
30049000	WS-91 L, 42 angle 1:2:7, mini LED+, EM-19 LC motor only
30056000	S-11, surgical straight, 1:1
30057000	S-11 L G, 1:1, surgical straight, mini LED
30058000	S-11 L, surgical straight, 1:1, mini LED+, EM-19 LC motor only
30033000	WS-75 L, contra-angle 20:1, mini LED+ for EM-19 LC motor only
30040000	WS-56 L, contra-angle 1:1, mini LED+ for EM-19 LC motor only
30039000	WS-56 L G, contra-angle 1:1, self-generating mini LED+
30032000	WS-75 L G, contra-angle 20:1, self-generating mini LED+
Foot Controls	
30264000	S-NW wireless foot control w/CAN dongle; compatible w/SI-1023, SI-1015
30264001	S-NW wireless foot control w/SPI dongle; compatible w/ SI-915 (white) & Piezomed SA-320
30285000	S-N2 foot control w/cable, compatible w/SI-1015, SI-1023
Accessories	
30210000	W&H Osstell ISQ module for SI-1015, SI-1023
07721100	W&H Osstell Measuring Probe
07759700	Wifi dongle CAN-Bus; SI-1015, SI-1023
07795800	Wifi dongle SPI; SI-915 (white) & Piezomed SA-320
07721800	Universal Motor Holder
07849900	W&H Osstell Test Peg
07460300	SmartPeg Mount
SmartPegs	
08009800	W&H SmartPeg Type 1 - 100353, Pack of 5
08010120	W&H SmartPeg Type 4 - 100350, Pack of 5
08009860	W&H SmartPeg Type 15 - 100386, Pack of 5
08009970	W&H SmartPeg Type 26 - 100425, Pack of 5
08009980	W&H SmartPeg Type 27 - 100431, Pack of 5
08010010	W&H SmartPeg Type 30 - 100436, Pack of 5
08010020	W&H SmartPeg Type 32 - 100440, Pack of 5
08010030	W&H SmartPeg Type 33 - 100442, Pack of 5
08010040	W&H SmartPeg Type 34 - 100444, Pack of 5
08010050	W&H SmartPeg Type 35 - 100446, Pack of 5
08010150	W&H SmartPeg Type 45 - 100472, Pack of 5
08010620	W&H SmartPeg Type 60 - 100543, Pack of 5



Precise Torque Limitation And Stop Functions

Precise torque limiting control ensures secure placement. Torque can be adjusted from 5 Ncm to 80 Ncm. The thread cutter program features an automatic stop-reverse function. Using this program prior to implant placement in dense bone minimizes bone trauma and possible implant failure.



Torque Value Documentation and Archival

PEOPLE HAVE PRIORITY



Implant insertion documentation

Device SN: 0003
Software version: 01.05.00

User name	USER 1
Identification (ID)	12-11
Date	2017-08-30
Drill protocol group	Application
Drill protocol	implantology™

Tooth position (FDI): 27



Set parameters:

Transmission	WS 75
Speed	15 rpm
Torque (forward operation)	50 Ncm
Torque (reverse operation)	50 Ncm
Coolant volume	0%
Program	Implantation

Torque curve:



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Implantmed System comes standard with documentation which allows torque values to be recorded for each procedure.

The documentation function allows all torque values to be saved on a USB drive during the thread cutting procedure, implant insertion or ISQ reading.



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