



## Kaiser Medical Technology Ltd

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Kaiser Medical Technology Ltd was established in 2008, now based in Brinkworth, Wiltshire, United Kingdom. The company has developed the SOLOMAX™ range with its own patented technology in high performance surgical power equipment.

Utilising in-house expertise and knowledge to develop the innovative SOLOMAX™ range of “disposable surgical power tools”. The range provides a viable alternative to expensive re-usable power tools. By utilising lithium battery technology, innovative use of plastics and the vision to develop the concept of a “disposable” power tool, the SOLOMAX™ was created.



# DISPOSABLE STERILE SURGICAL POWER SYSTEM

**Application** For Joint Surgery

## SMX-OR-D-1 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	/
Acetabular Reamer	300	>3.7	/	/	Assemble the components together to achieve the intended function.
Oscillating Saw	/	/	18000	4°	



**Application** For Trauma Surgery

## SMX-OR-D-2 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Notes
Handpiece	18000	>0.14	Hollow Dia.: 4.2mm
Bone Drill	1200	>1.7	Assemble the components together to achieve the intended function.
Cannulated Drill	600	>1.9	



**Application** For Unicompartmental and Joint Surgery

## SMX-OR-D-3 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	/
Acetabular Reamer	300	>3.7	/	/	Assemble the components together to achieve the intended function.
Oscillating Saw	/	/	18000	4°	
Reciprocating Saw	/	/	13000	≥3mm	

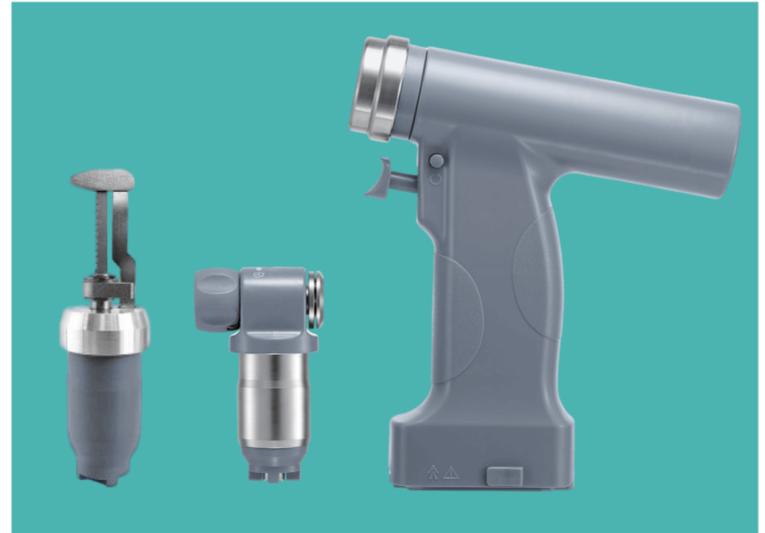


# DISPOSABLE STERILE SURGICAL POWER SYSTEM

**Application** For Cardiothoracic Surgery

## SMX-OR-D-4 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	/
Oscillating Saw	/	/	18000	4°	Assemble the components together to achieve the intended function.
Sternum Saw	/	/	13000	≥3mm	



**Application** For Joint Surgery

## SMX-OR-D-25 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	/
Oscillating Saw	/	/	18000	4°	Assemble the components together to achieve the intended function.



**Application** For Joint Surgery

## SMX-OR-D-26 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	/
Reciprocating Saw	/	/	13000	≥3mm	Assemble the components together to achieve the intended function.



# DISPOSABLE STERILE SURGICAL POWER SYSTEM

**Application** For Trauma Surgery

## SMX-OR-D-27 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Notes
Handpiece	18000	>0.14	Hollow Dia.: 4.2mm
Bone Drill	1200	>1.7	Assemble the components together to achieve the intended function.
K Wire Driver	1200	>1.7	



**Application** For Joint and Trauma Surgery

## SMX-OR-D-30 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	/
Bone Drill	1200	>1.7	/	/	Assemble the components together to achieve the intended function.
Reciprocating Saw	/	/	13000	≥3mm	



**Application** For Joint and Trauma Surgery

## SMX-OR-D-31 SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	Hollow Dia.: 4.2mm
Cannulated Drill	600	>3.7	/	/	Assemble the components together to achieve the intended function.
Oscillating Saw	/	/	18000	4°	



# DISPOSABLE STERILE SURGICAL POWER SYSTEM

**Application** For Joint and Trauma Surgery

## SMX-OR-D-32

## SPECIFICATIONS

Components	Speed (rpm)	Torque (N·m)	Saw Frequency (swing/min)	Swing Scope	Notes
Handpiece	18000	>0.14	/	/	Hollow Dia.: 4.2mm
Bone Drill	1200	>3.7	/	/	Assemble the components together to achieve the intended function.
Oscillating Saw	/	/	18000	4°	

