Motors. Made by Dentsply Sirona – powerful and reliable

Power you can rely on

Dentsply Sirona's electric motors cover a very wide range of speeds, and therefore can be used for many different tasks in dental practice. They stand for exceptional reliability and durability and impress with their superb performance features.

Huge in versatility

The wide range of speed of Dentsply Sirona motors ensures a wide variety of applications. The constantly high torque is optimally adapted through electronic compensation to each work situation. The interfaces are very diverse with the Dentsply Sirona interface, ISO standard, INTRAmatic®, or INTRAmatic® Lux.

Always ergonomic

Dentsply Sirona is the unique supplier of two interfaces: Motor BL/BL E/SL for T1 Classic as well as BL ISO C/E and SL ISO for the T1/T2/T3 Line and T2/T3 S-Line. The contra-angle handpiece feels very well balanced in the hand, especially with the T1 Classic with built-in BL/BL E/SL motor.

INTRAmatic® Lux
is a registered trademark of KaVo Dental GmbH, Germany.



1 **Dentsply Sirona-Motor SL**
Compatible with T1 Classic straight and contra-angle handpiece-program

2 **Dentsply Sirona-Motor SL ISO**
Dentsply Sirona-Motor SL incl. attachable ISO adapter. For Dentsply Sirona T1 Classic as well as for all straight and contra-angle handpieces with ISO Interface such as the T1/T2/T3 Line and T2/T3 S-Line





SL/SL ISO motor – proven, robust, and reliable

Durable, robust, and hygienic

- With 200 to 40,000 revolutions per minute, the SL and SL ISO collector motors from Dentsply Sirona facilitate a broad range of applications.
- A soft start and stop protect the motor as well as the straight and contra-angle handpieces.
- Freely rotating hose prevents spin effect.
- The SL ISO motor's removable adapter can be sterilized
- For Dentsply Sirona M1 and C Line treatment centers

Technical data	SL/SL ISO motor (SL motor incl. ISO adapter) LED
Number of revolutions (rpm)	~ 200–40,000
Max. torque (Ncm)	~ 2.4
Max. power (W)	~ 58
Motor diameter (mm)	~ 16/22
Motor length (mm)	~ 50/61.5
Weight (g)	~ 47/87
Cooling air requirement (Nl/min)	~ 30
Spray air pressure (bar)	~ 2.7
Spray water pressure (bar)	~ 2

Description	Versions	Ref.
SL motor	–	41 76 710
SL ISO motor	SL motor + adapter ISO	60 35 989
ISO adapter	with light and spray	60 00 793
Basic adapter (Apex)	with light, without spray	59 83 072

BL/BL E and BL ISO C/E/BL Implant motors – the powerful, brushless micromotors

Brushless, compact and hygienic

- Dentsply Sirona brushless BL motors are not only extra short, they are also the lightest and most ergonomic in the world
- These brushless micromotors are electronically controlled with perfection
- The BL/BL E and BL ISO C/E motors have a back-suction valve
- Motors and adapters are sterilizable and maintenance-free

Only the best in performance

- With their 90–40,000 rpm speed range (depending on the combination of Dentsply Sirona motor and treatment unit: more details in the specifications) they always offer maximum torque
- The microprocessors also provide quiet and stable operation at rapidly changing motor speeds
- The BL/BL E and BL ISO C/E motors support the Apex function depending on the treatment unit
- The slim and lightweight BL Implant implantology motor with internal cooling provides a max. torque of 5 Ncm, with no air outlet at the preparation site





1 **Dentsply Sirona BL motor**
Compatible with T1 Classic straight and contra-angle handpiece program

2 **Dentsply Sirona BL ISO C motor**
Compatible with T1/T2/T3 Line and T2/T3 S-Line straight and contra-angle handpiece program

Models Specifications	BL motor[1] BL E motor[2] LED	BL ISO C motor[3] BL ISO E motor[4] LED	BL Implant motor**
Number of revolutions (rpm)*	- 90–40,000[1] - 1.200–40,000[2] - 100–40,000[2] In conjunction with eControl	- 90–40,000[3] - 2,000–40,000[4] (Sinius) - 1,200–40,000[4] (Intego) - 100–40,000[4] in conjunction with eControl (Intego Pro)	-90–40,000
Max. torque (Ncm)	- 2.4	- 3.0	- 5.0
Max. power (W)	- 45	- 61	- 80
Motor diameter (mm)	- 16	- 22	- 22
Motor length (mm)	- 54	- 45	- 61
Weight (g)	- 65	- 81	- 106
Cooling air requirement (Nl/min)	- 20	- 20	- 20
Spray air pressure (bar)	- 2.7	- 2.7	–
Spray water pressure (bar)	- 2	- 2	–

Versions/ Usage of	BL[1]/BLE[2] motor	BL motor + ISO adapter	BL ISO C[3]/ E[4] motor	BL Implant motor**
Dentsply Sirona				
T1 Classic	■	■	–	–
T1/T2/T3 Line T2/T3 S-Line	–	■	■	–
Implant 20:1	–	–	–	■
SiroNiTi Apex & SiroNiTi Air Plus Apex	–	■	■***	–
Other suppliers				
INTRAmatic® Lux	–	■	■	–
INTRAmatic® – without light	–	■	■	■
ISO 3964 – without light and spray	–	■	■	■
Ref.		60 00 793		62 12 208
Ref. with LED	63 19 714[1] 65 46 225[2]		63 37 518[3] 64 45 899[4]	

* Minimum rotation speed depends on the configuration of the Dentsply Sirona treatment unit. ** In combination with the Teneo Dentsply Sirona treatment unit. *** Apex function in combination with BL ISO C motor and Teneo/Sinius or BL ISO E motor and Intego pro.