

## Technical data



	SURGmatic S15L Pro	SURGmatic S201XL Pro	SURGmatic S201L Pro	SURGmatic S11L
Material no.	1.014.4000	1.013.7541	1.013.7540	1.009.1010
Ratio/Reduction	1:5	20:1	20:1	1:1
Max. speed	40,000 rpm	40,000 rpm	40,000 rpm	40,000 rpm
Speed range*	1,500-200,000 rpm	15-2,000 rpm	15-2,000 rpm	300-40,000 rpm
Hexagon clamping system	No	Yes	No	No
Torque	N/A	80 Ncm	55 Ncm	5.5 Ncm
CoolHead	Yes	No	No	N/A
External cooling medium connection	Yes	Yes	Yes	Yes
Glass rod light guide	Yes	Yes	Yes	Yes
EXPERTgrip	Yes	Yes	Yes	Yes
Can be dismantled	No	Yes	Yes	No
Thermodisinfected/ sterilisable (135 °C)	Yes	Yes	Yes	Yes

\* with KaVo surgical motor S600LED; motor speed range 300-40,000 rpm

## Associated products

The system concept is very important to us: in order to make everyday practice as comfortable for you as possible, we ensure that our products are seamlessly compatible.



### KaVo MASTERsurg

Convenient operation through the intuitive touchscreen display, the freely positionable wireless foot control and the data documentation feature with a graphic real-time display showing torque for optimal quality control.



### KaVo EXPERTsurg

Rely on high performance with 80 Ncm torque on the instrument and save time through intuitive programming of your work steps and parameters.

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## SURGmatic S15 L Pro High speed for cool heads.

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**NEW**

# SURGmatic S15 L Pro: The new all-rounder amongst surgical instruments.

NEW

At top speed for more efficiency.

### Speed translated into cutting performance

With a ratio of 1:5 and up to 200,000 revolutions per minute, the SURGmatic S15 L Pro sets a new standard in surgical dentistry and takes surgical work to a whole new level.

### A real all-rounder

Its advanced speed asset makes the KaVo SURGmatic S15 L Pro not only noticeably more efficient, but also a real all-rounder in the surgical practice.

In addition to surgical applications such as the removal of wisdom teeth, hemisections, osteotomies or apicectomy, non-surgical activities such as preparations, crown lengthening or the separation of crowns can also be carried out effortlessly.

Thanks to the high speed and the compelling cutting performance, inconvenient instrument changing is no longer necessary and a smooth workflow is guaranteed.

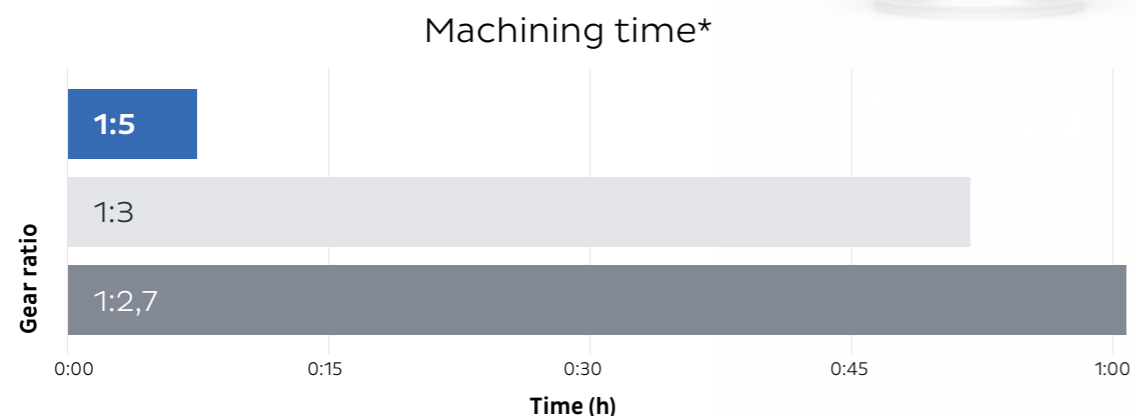


#### Shedding some light on the subject

The tried and tested KaVo glass fiber optic technology illuminates every treatment area down to the smallest detail.

#### Too cool to overheat

The new KaVo CoolHead technology ensures a cool instrument head at all times.



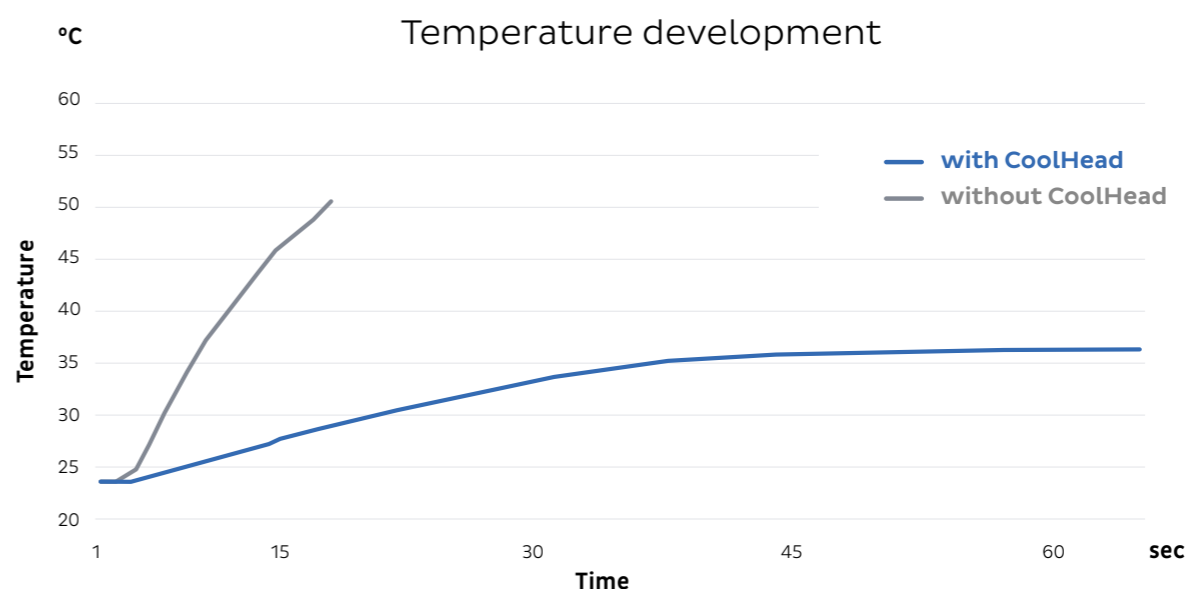
**Saves time for team and patient**  
The high cutting performance saves valuable time and enables short, gentle patient treatment.

\* Representation of the average period of time for cutting through a defined sample of zirconium oxide

Working simply becomes easier – you'll have a cool head and a clear view.

### Hotheads don't stand a chance

The new KaVo CoolHead technology actively prevents excessive heating of the head if the push button is accidentally pressed.



### Precision at its finest

The optimised 3-nozzle spray wets the tool's blade along the entire length of the tool. This ensures a particularly homogeneous cooling effect while guaranteeing a harmonious spray effect without any spray shadows.



### Compelling ergonomics, hygiene and quality

With the compact head size, the low weight and the compelling lighting effects, the SURGmatic S15 L Pro creates the best conditions for ergonomically healthy and permanently relaxed work.

The precise KaVo Made in Germany manufacturing quality, with high-quality materials and a hard metal guide bushing ensure more precision thanks to low vibrations and a high level of robustness. Of course, the SURGmatic S15 L Pro can be thermodisinfectated and sterilised up to 135 °C.



Everything under one click:  
See the new SURGmatic S15 L Pro for yourself online.  
[www.kavo.com/en/s15](http://www.kavo.com/en/s15)