

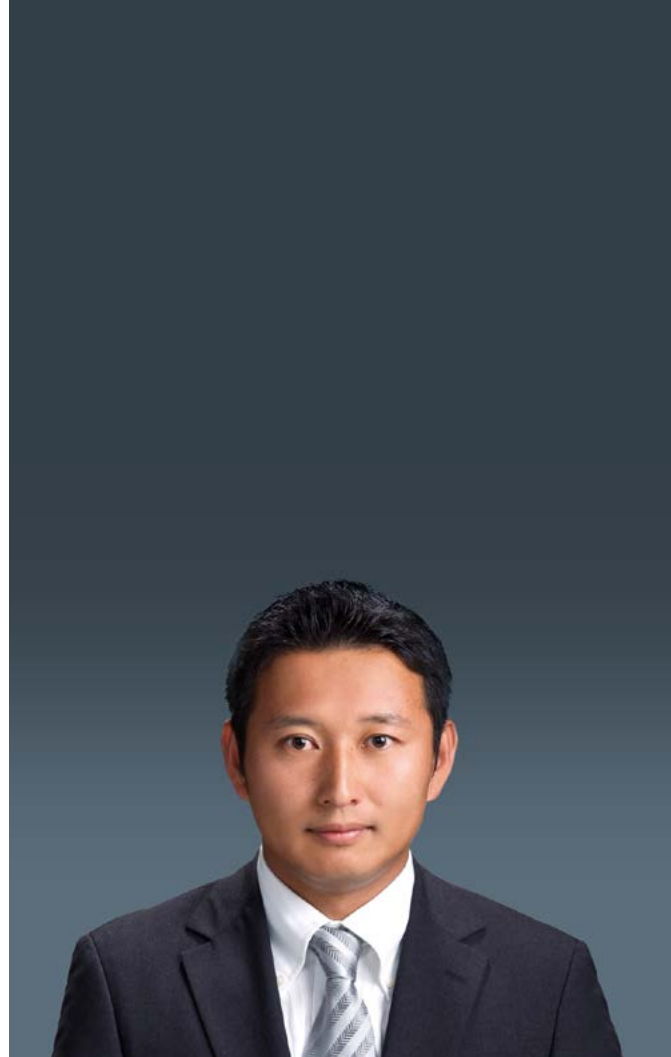
# KaVo MASTERmatic LUX M25L / M05L mini. 5-speed increasing contra-angle.

With  
Dr Takashi Higashi



For performing high-precision preparation.

Dr Takashi Higashi on his experiences with KaVo MASTERmatic LUX M25L / M05L mini.



## Dr Takashi Higashi

Director of Higashi Dental Clinic

### Vita

1996 – Graduated at Tokyo Medical and Dental University  
2000 – Graduated at Tokyo Medical and Dental University  
Graduate School of Dentistry  
Doctor of Dental Science  
2006 – Established Kohakai Dental Association

### Affiliation

- Japanese Society of Oral Implantology, Specialist
- Japan Prosthodontic Society, Member
- Japanese Society of Periodontology, Member
- Tokyo Medical and Dental University, Part-time Instructor
- Study Group “Shurenkai”, Member

### Higashi Dental Clinic

1-1 Shibazono-cho | Kawaguchi | Saitama | 333-0853 | Japan

**TEL: +81-48-266-3119 | [www.higashi-dental.jp](http://www.higashi-dental.jp)**

# Head size comparison.



From the left: 25LP, M25L, and M05L mini.

Preparation is a procedure to crown restoration treatment such as caries removal, cavity preparation, and abutment preparation, and it is no exaggeration to say that preparation skills determine the success or failure of the dental treatment. When incorporating new concepts and equipment, such as the concept of MI (Minimal Intervention) or CAD/CAM, preparation is a step that tests the skills of dentists in any age. Therefore, it is essential that preparations planned by the dentist be supported by high-quality cutting instruments.

For the "KaVo MASTERmatic LUX M25L / M05L mini" 5-speed increasing contra-angle, the head size of M25L is 20% smaller and M05L is 43% smaller compared with "KaVo GENTLEpower LUX 25LP", reducing the mouth-opening strain on the patient, and improving visibility and viewing angle.



Treatment with 25LP



Treatment with M05L mini

## Treatment with M25L / M05L mini.

With 25LP, there was some contact with the opposing teeth during preparation of the second and third molars, but with M25L and M05L mini, it was possible to do a preparation to alleviate a burden of patients who open their mouth. Using the KaVo brushless motor with its range of 100 to 40,000 rpm allows for precise preparations just as imagined, due to the SMARTdrive (low speed, high torque of 3 N/100 min<sup>-1</sup>, equivalent to implant motor).

In addition, there has been an increase in the number of dentists performing treatments on a micro-loupe or micro-scope in pursuit of better clinical results. When performing treatment in a magnified visual field, a reduced head size has the advantage of making your blind spot smaller.

With M25L and M05L mini, their performance can be demonstrated when MI (Minimal Intervention) treatment or finish line preparation with a loupe or microscope.

Handpiece cleaning, disinfection and sterilization have garnered attention as measures against in-clinic infection, but it was precisely KaVo that released the world's first sterilizable handpiece in 1928, so I have unwavering confidence in their safety and durability.

At my dental clinic, autoclave sterilization is done after lubricating with KaVo QUATTROcare plus 2124A, but it is no trouble at all.

At the clinic, we say that "choosing quality items means you can use quality items for a long time", and we naturally consider it good sense to handle instruments carefully.

"KaVo MASTERmatic LUX M25L/M05L mini provides strong support for performing highly precise preparations in our daily clinical practice. I fully believe that high-quality instruments provide sound technological foundations for our dentists."

Get more information at  
**[www.kavo.com/en/dental-handpieces-and-contra-angles/mastermatic-0](http://www.kavo.com/en/dental-handpieces-and-contra-angles/mastermatic-0)**

The products, features and services shown and described in this catalogue are not available in all countries. All specifications were correct at the time of publication. KaVo Dental GmbH assumes no liability for deviations in colour or form from the illustrations, mistakes or printing errors and reserves the right to make changes to the brochures at any time.

KaVo™, GENTLEpower™ and QUATTROcare™ are either registered trademarks or trademarks of Kaltenbach & Voigt GmbH in the United States and/or other countries. All other trademarks are property of their respective owners.

KaVo Dental GmbH | Bismarckring 39 | 88400 Biberach | Germany  
**[www.kavo.com](http://www.kavo.com)**

**KAVO**  
Dental Excellence