

GENERAL

Our Materials, what is different about it?

Material technology

We use a few different kinds of metals for our instruments. We carefully select the most suitable material for each part of each instrument. One of our major materials is BioDur stainless steel. This is used for the blades of cutting instruments like curettes, scalers, excavators and so on. It is a hardenable martensitic stainless steel that provides a moderately high level of corrosion resistance, ideal harness for dental and surgical applications for cutting and scraping tools.



Precise & Proper Sharpening work

We believe the medical instruments must be sharpened logically and scientifically in precise conditions according to their own characteristics of each kind of instruments. Instrument sharpening is not just a simple manual work. It is science. We consistently work to the best of our ability to achieve the finest sharpening and study daily to make improvements.

Corrosion resistance

Laboratory tests have shown the BioDur stainless steel to have better corrosion resistance than Types 410, 420, and 440 in a number of environments. It has a good resistance to rusting and corrosion under atmospheric conditions and various chloride-containing environments. Cones of the BioDur stainless ground with 400 grit paper and passivated in 20% nitric acid containing 2% sodium dichromate showed a high level of corrosion resistance when tested for 22 hours in copper acidified salt spray (ASTM B368-CASS test) and also when tested for 200 hours in 95F (35C), 5% neutral salt spray (ASTM B117). Additionally, the alloy has good resistance to mild atmosphere, mild chemicals, most foodstuff and many petroleum products.

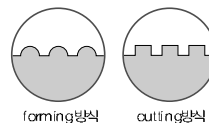
<The information was provided by the material manufacturer>

New Pattern of metal handle, MK1

Our MK1 handle was designed according to the human engineering basis and the design was confirmed through various field tests. The surface finish, thickness and weight were decided based on our survey, which we carried out in 3 different countries for 6 months, and it met the satisfaction of most dentists. The stain finish is a modern trend in the instrument industry. A large diameter is required for preventing carpal tunnel syndrome. Austenitic alloy is used as a material for rust-free products.

New technology of Knurl

We use cutting methods to make the Knurl on the instrument handles. Normally, most of the instrument companies use the forming system. However, the forming method couldn't make the marked sharp knurl like cutting method does. The sharp knurl enables easy and control of the instruments.



INSTRUMENT CASSETTE

WHAT IS SPECIAL?

1. Easy to handle instruments for cleaning, sterilization and storage.
2. Multi-blank square holes help quick water flow and dry.
3. Multiple holes allow active power of ultrasonic cleaner to be accessed to the instruments.
4. Made of stainless steel and is electric polished for rust free.



OSUNG instrument cassettes have mesh patterns for the most efficient performance of cleaning, rinsing, sterilization, and drying using any kind of methods.

EFECAL-L1 CAL-L1

- > with lid
- > electro-polished stainless steel for rust-free & stain-free
- > exterior dimensions : 370x208x35H(mm)
- > 14 instruments capacity(Max. length 198mm) & extra space for syringes, retractors, pliers, etc

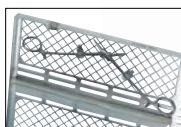


4pcs of clip included



EFECAL-L2 CAL-L2

- > with lid
- > electro-polished stainless steel for rust-free & stain-free
- > exterior dimensions : 370x240x35H(mm)
- > 14 instruments capacity(Max. length 228mm) & extra space for syringes, retractors, pliers, etc

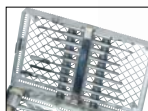


4pcs of clip included



EFECAD-01 CAD-01

- > double style
- > electro-polished stainless steel for rust-free & stain-free
- > exterior dimensions : 252x152x59H(mm)
- > capacity : 9 Osung Osteotome devices, 1 Mallet, 6 implant instruments (Max. length 250mm), etc



EFECAD-02 CAD-02

Upper deck is optionally available for long-sized instruments.

