



Laboratory Technique

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Laboratory Pliers

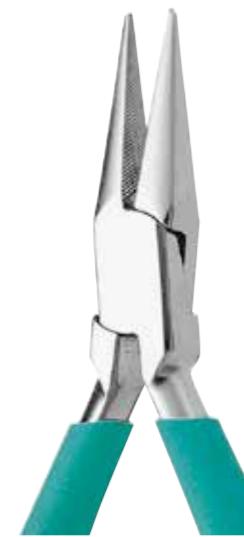
*Easily identified by a color grip.



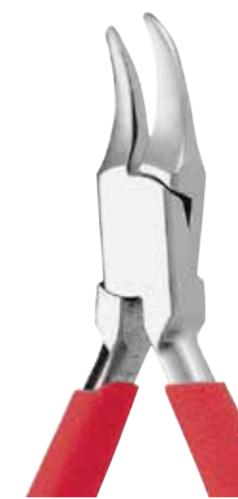
How #110
No. 18410



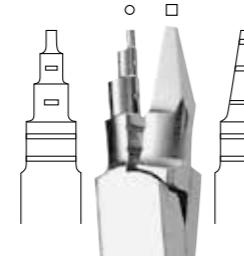
Peeso #118
No. 18418



Goslee #136
No. 18436



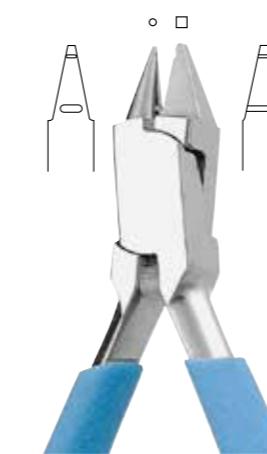
Gordon #137
No. 18437



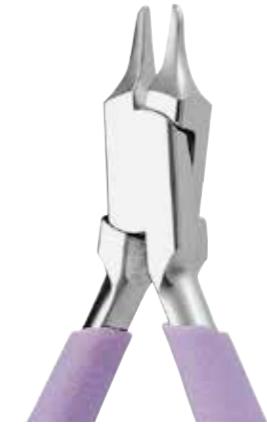
Young #R74
No. 18474



Concaved
No. 18480



Clasp Bending #1
No. 18481



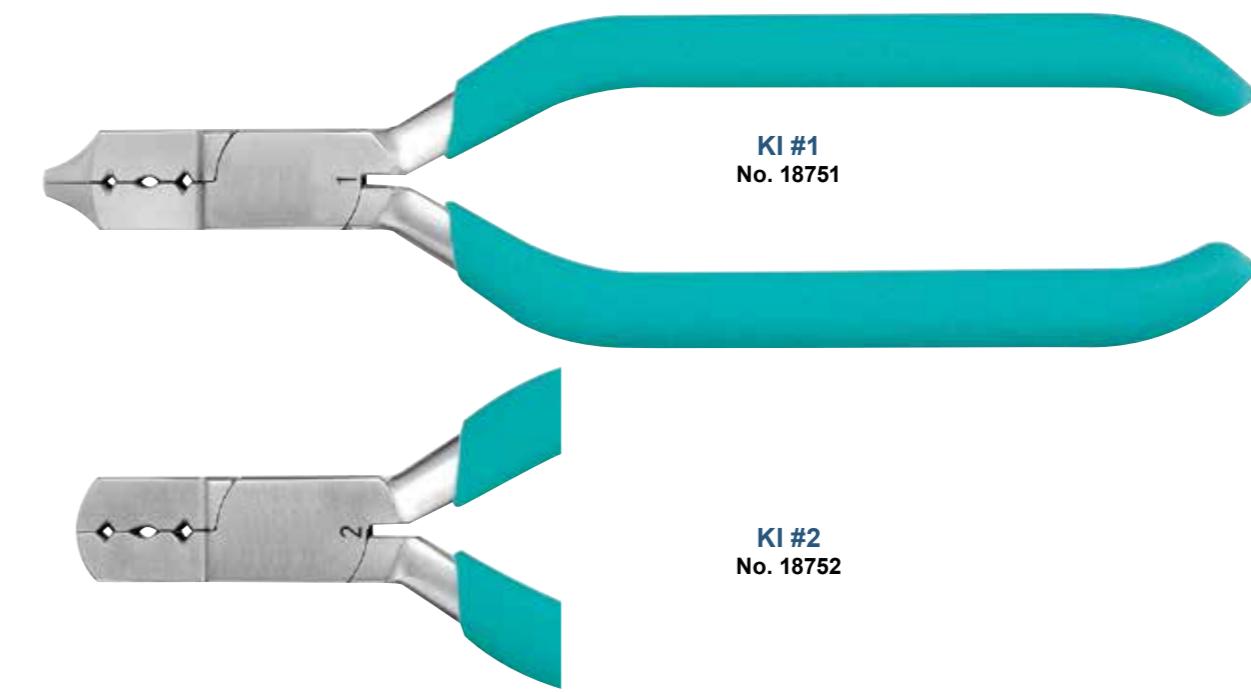
KI
No. 18482



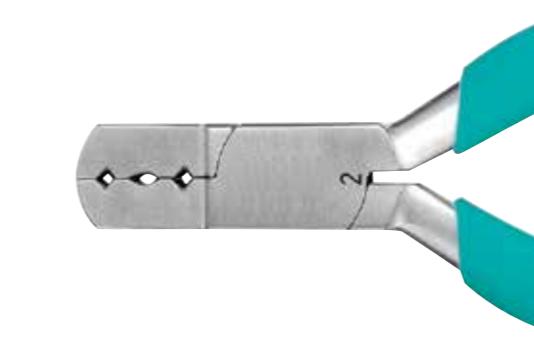
Three Jaws
No. 18483

Bar Twisting Pliers

*For bending lingual bar.



KI #1
No. 18751



KI #2
No. 18752

*Maximum wire capacity / ø1.0mm.



Wire Cutter



YS-602
KI
No. 22602

*Cutting capacity / up to $\varnothing 1.1\text{mm}$

YS-603
Standard
No. 22603

*Cutting capacity / up to $\varnothing 1.2\text{mm}$



Not
Autoclavable



Konus Crown Pliers

Contents Main body, Wrench

*Used to check inner surface of konus crown after trial.

No. 18640



*Attach used diamond burs on the tip.



Not
Autoclavable



Not
Autoclavable



Spacy Articulator (Average Type)

-Arcon-

- *Removable upper member facilitates wax-ups.
- *Falling down preventing design when upper jaw is opened.
- *Place for name & number marking is available on the frame.

Red
No. 19726



*Convenient to store in piles.



*Wide space on the lower jaw frame provides excellent workability.



*Balance keeping with three projections when it is set upside down.

-Smart 2-

- *Condylar Articulator with Average Type For edentulous.
- *Able to make Full-balanced Occlusion denture.

No. 19662



Specifications

Distance between upper and lower frames	94mm				
Intercondylar width	110mm				
Sagittal condylar path inclination	30°				
Bennett angle	7.5°				
Protrusive movement	0 to 7mm (every 1mm)				
Balkwill angle	20°				
Angle of incisal path	<table border="1"> <tr> <td>Sagittally</td><td>10°</td></tr> <tr> <td>Laterally</td><td>10°</td></tr> </table>	Sagittally	10°	Laterally	10°
Sagittally	10°				
Laterally	10°				

The step for making perfect-denture with ideal occlusion, full denture "Full-balanced Occlusion denture".

- (1) Snap impression
- (2) Bite registration
- (3) 1st Arrangement of artificial teeth
- (4) Interocclusal record of centric relation
- (5) 2nd Arrangement of artificial teeth
- (6) Investment and polymerization
- (7) Remount
- (8) Complete



Lift up the Incisal Pin approx. from 2 to 3mm. Afterwards mount the lower dentures by the centric occlusal record and pour plaster.



Registration of centric occlusal record.



Mount upper dentures first by using #19680 "Movable Occlusal Plane Plate". At that time, fill in the undercut part of the dentures where contacts mucosa by wax and put separating agent on it. Afterwards pour plaster for mounting.



Here is the step for remount of perfect-occlusion.

1. Centric position: Set the protrusive movement screw to 0mm.
2. Lateral movement: Check the movement is symmetrical and accurate.
3. Protrusive movement: Start from incisal occlusion to centric position, from forth to back.

From incisal occlusion to centric position, set the protrusive movement screw at every 1mm. Grind the lower anterior teeth at every 1mm till the posterior gets correct occlusion.

Specifications

Distance between upper and lower frames	100mm				
Intercondylar width	110mm				
Sagittal condylar path inclination	25°				
Bennett angle	15°				
Balkwill angle	20°				
Angle of incisal path	<table border="1"> <tr> <td>Sagittally</td><td>10°</td></tr> <tr> <td>Laterally</td><td>10°</td></tr> </table>	Sagittally	10°	Laterally	10°
Sagittally	10°				
Laterally	10°				

Accessories

Spacy Articulator Mounting Ring (2 ea.)
Split Cast Retention Disk (10 ea.)



Spacy Articulator (Semi-Adjustable)

-Mobile-

- *Wide space on the lower jaw frame provides excellent workability.
- *Balance keeping with three projections when it is set upside down.

No. 19660



-Wing-

- *Removable upper member facilitates wax-ups.
- *Wide space on the lower jaw frame provides excellent workability.
- *Falling down preventing design when upper jaw is opened.
- *Balance keeping with three projections when it is set upside down.
- *Place for name & number marking is available on the frame.

No. 19730



Specifications

Distance between upper and lower frames	100mm				
Intercondylar width	110mm				
Sagittal condylar path inclination	0° to 60° (every 5°)				
Bennett angle	0° to 30° (every 5°)				
Balkwill angle	20°				
Angle of incisal path	<table border="1"> <tr> <td>Sagittally</td><td>10° / 15° / 20°</td></tr> <tr> <td>Laterally</td><td>10° / 15° / 20°</td></tr> </table>	Sagittally	10° / 15° / 20°	Laterally	10° / 15° / 20°
Sagittally	10° / 15° / 20°				
Laterally	10° / 15° / 20°				

Accessories

- Spacy Articulator Mounting Ring (2 ea.)
- Split Cast Retention Disk (10 ea.)
- Incisal Guide Table 15°, 20° (10° come already equipped with the articulator)

Face Bow Type-2

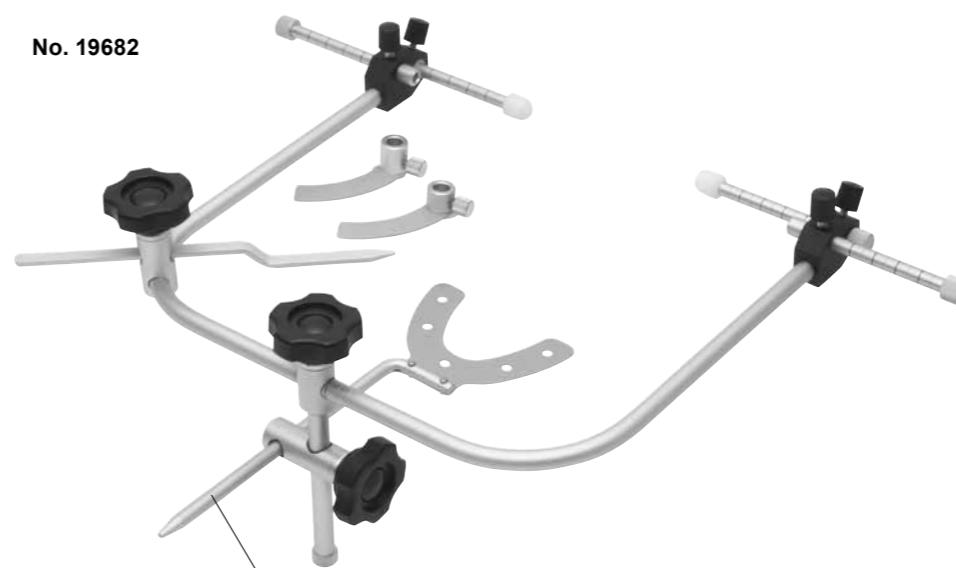
Specifications

Distance between upper and lower frames	94mm				
Intercondylar width	110mm				
Sagittal condylar path inclination	15° to 50° (every 5°)				
Bennett angle	0° to 20° (every 5°)				
Balkwill angle	20°				
Angle of incisal path	<table border="1"> <tr> <td>Sagittally</td><td>10° / 15° / 20°</td></tr> <tr> <td>Laterally</td><td>10° / 15° / 20°</td></tr> </table>	Sagittally	10° / 15° / 20°	Laterally	10° / 15° / 20°
Sagittally	10° / 15° / 20°				
Laterally	10° / 15° / 20°				

Accessories

- Incisal Guide Table 15°, 20° (10° come already equipped with the articulator)

No. 19682



Sold Separately

Cast Support
No. 19677



*Only Bite Fork is Autoclavable.
Autoclavable up to 135°C
OK

Accessories for Spacy Articulator

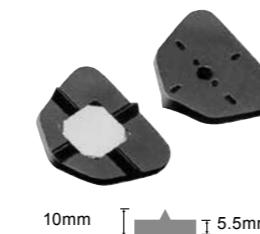
1) Movable Occlusal Plane Plate



2) Arcon Occlusal Plane Plate



3) Split Cast Plate B (2 ea.)



10mm | 5.5mm

4) Split Cast Retention Disk (10 ea.)



5) Mounting Ring (2 ea.)



Thickness / 5mm

7) Guide Table 15°



8) Guide Table 20°



Unity Articulator

No. 19601

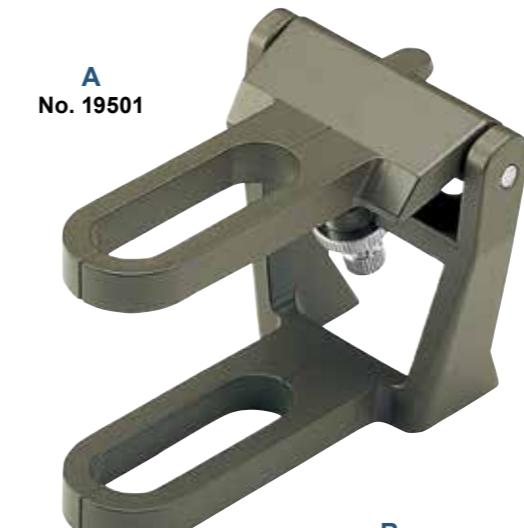
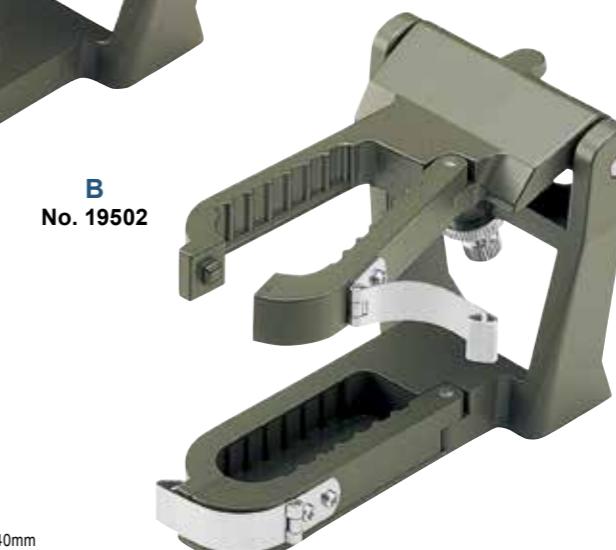


Specifications

Distance between upper and lower frames	53mm
Intercondylar width	70mm
Sagittal condylar path inclination	20°



Partial Articulator

A
No. 19501B
No. 19502

*Easy removal of model by simply separating upper and lower jaws sideways.

*Distance between upper and lower frames / 40mm



Laboratory Technique

P.K. Thomas Instrument

-JM-

*Drop-on Technique



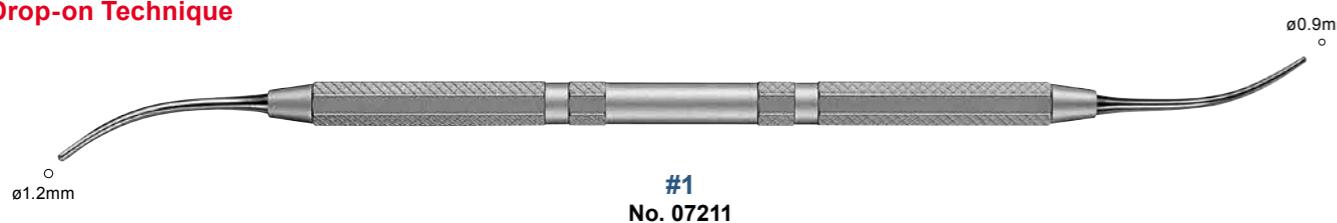
#1
No. 07201



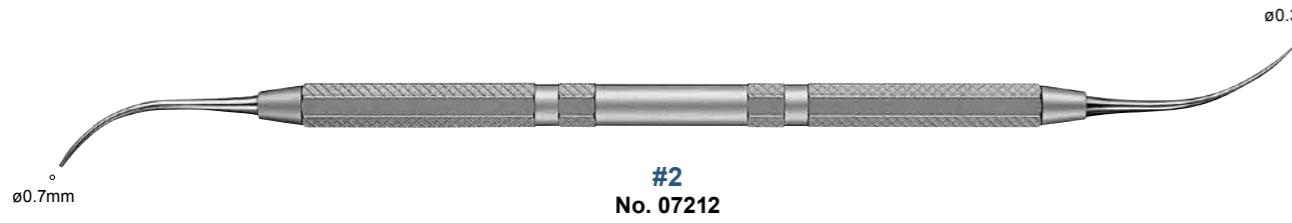
#5
No. 07205

-YS-

*Drop-on Technique



#1
No. 07211



#2
No. 07212



Hot Plate

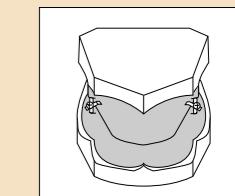
*Plate for making wax bite rim.
*Use for remove wax stuck to the working table.

No. 11650



Fuji Bite Lock

No. 21421
(12 ea.)



*Used heated and fixed the wax between upper and lower jaws.



Diamond Dresser

*Diamond coating on all side.
*Modify the shape of point effectively due to the diamond particle.

No. 13055



*Size / W110 x D17 x H3mm



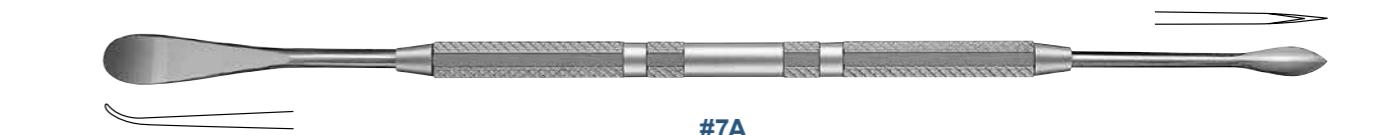
Wax Spatula



#1
No. 11601



#2
No. 11602



#7A
No. 11607



#31
No. 11631

Size / 195mm





Laboratory Technique

Porcelain & Wax Carver



Evan
No. 07160



Evan # AT1
No. 07165



Evan #AT2
No. 07166



Evan Slim
No. 07164



LeCron
No. 07161

Wax Carver



Capon
No. 07163



Hollenback #1/2
No. 07114

-for Inlay-



#1
No. 07011



Hyodo #2
No. 07042

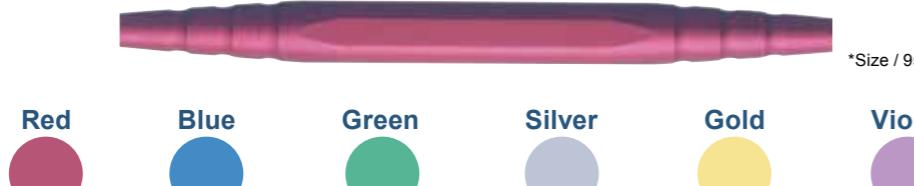


Customize System (Not Replaceable Type)

Handle

*Make your own instrument by combining from wide variety of tips and 7 different colors of handles.
*Price include 2 kinds of any tips.

-Regular Handle-



Red Blue Green Silver Gold Violet

-Long Handle-

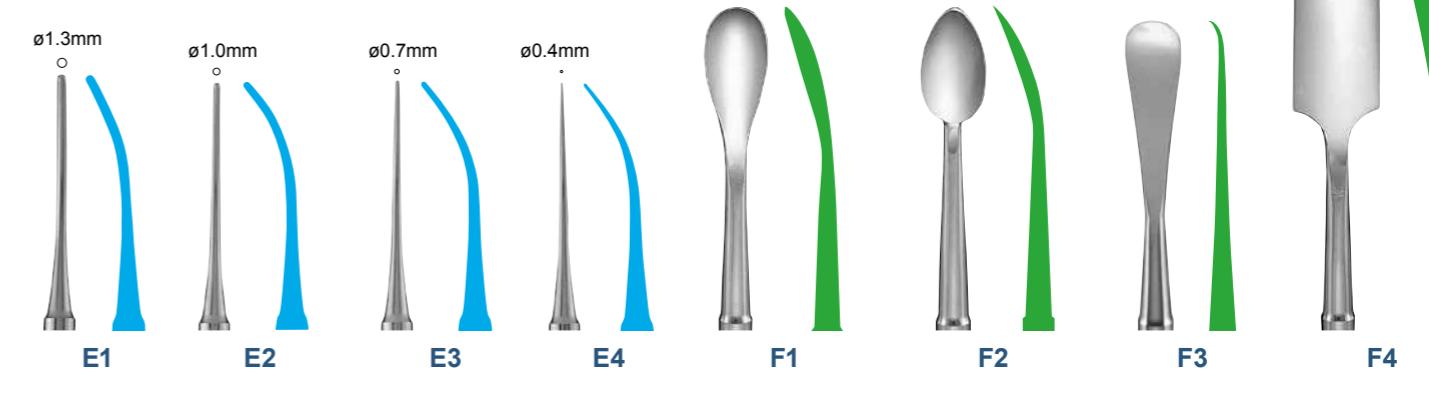
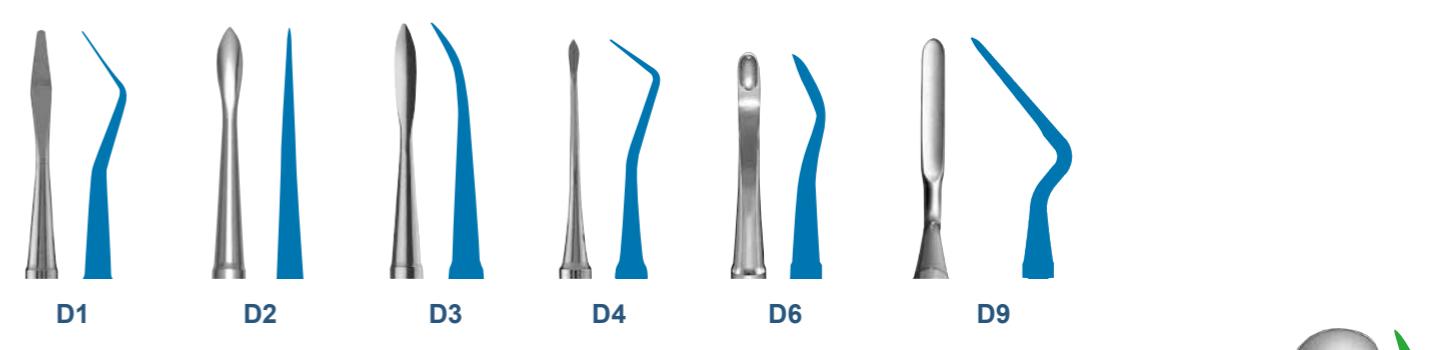
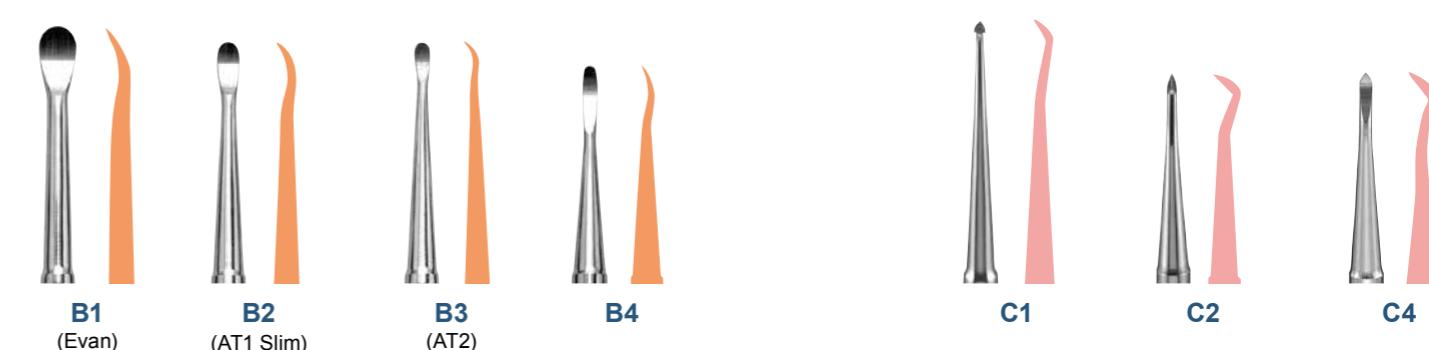
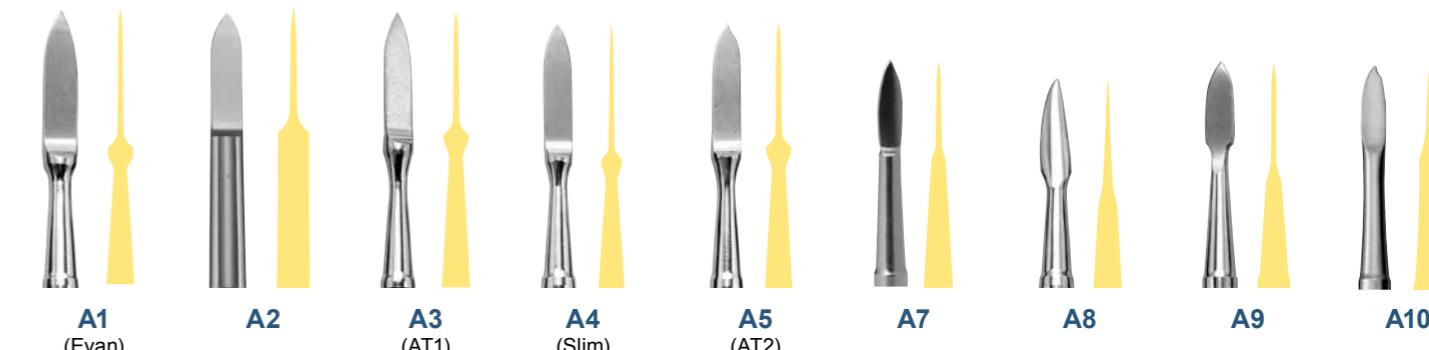


Black

No.	Description
07310	RC Red
07311	RC Blue
07312	RC Green
07313	RC Silver
07315	RC Gold
07316	RC Violet
07314	RC Black

No.	Description
07300	WC Red
07301	WC Blue
07302	WC Green
07303	WC Silver
07305	WC Gold
07306	WC Violet
07304	WC Black

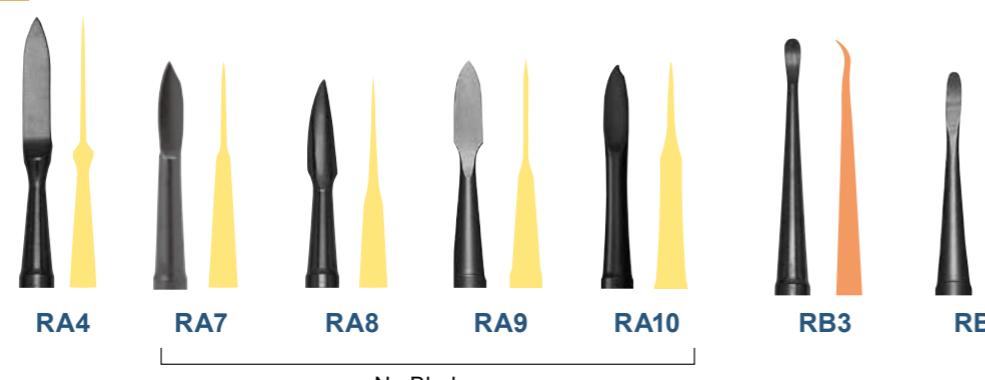
Tip WC (Wax Carver)



Tip RC (Resin Carver)

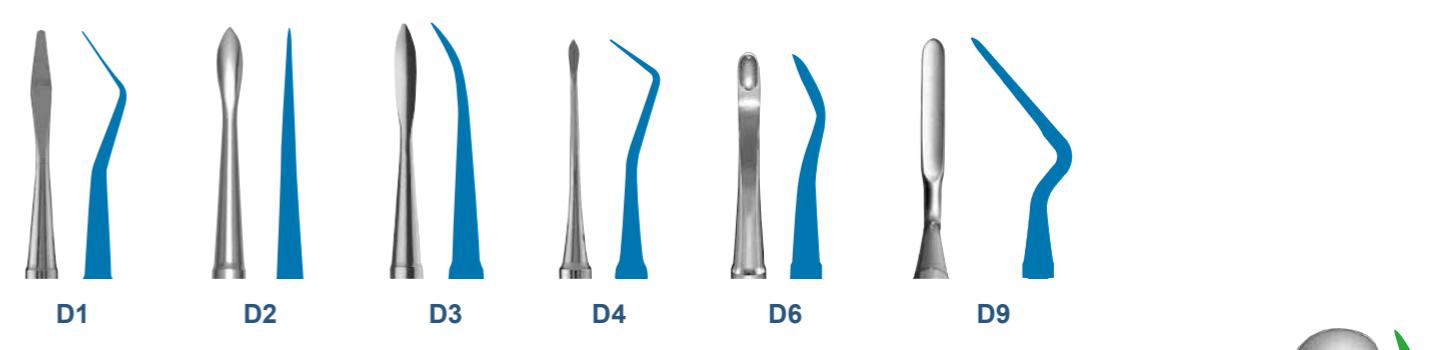
*Diamond Like Carbon Coating

*Remarkably stick-resistant for easy workability. Improved strength, and superior wear resistance.



RA4 RA7 RA8 RA9 RA10 RB3 RB4

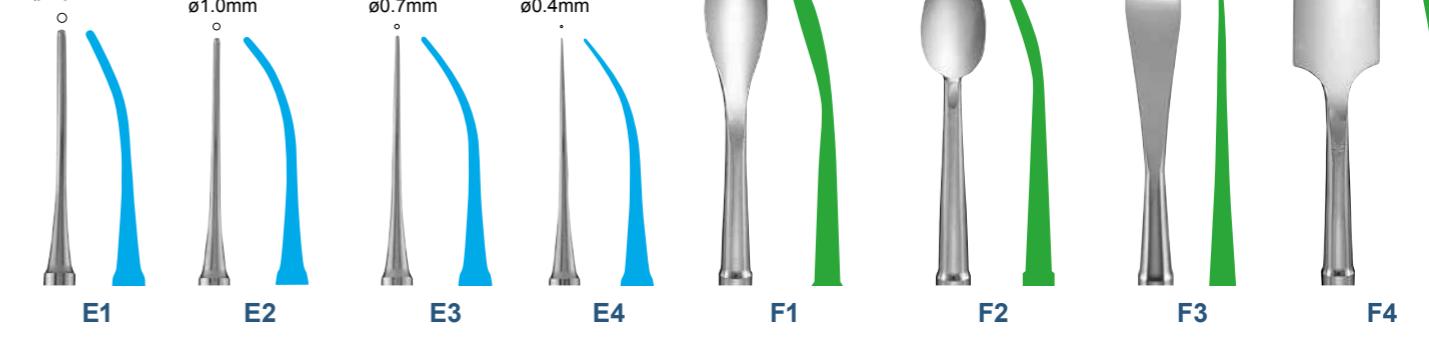
No Blade



D1 D2 D3 D4 D6 D9



RD1 RD3 RD4 RD7 RD8 RD10 (Noir #1)



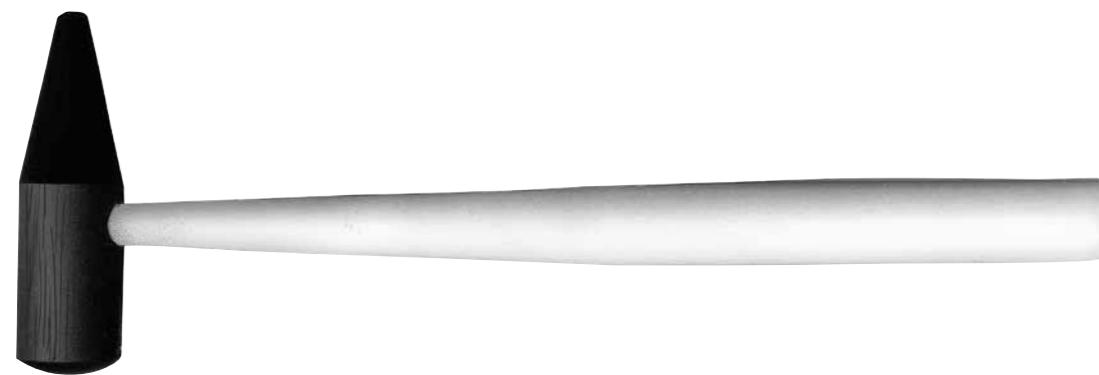
E1 E2 E3 E4 F1 F2 F3 F4



Laboratory Technique

Condense Mallet

No. 21511



Not
Autoclavable
NO

Protective Net

*Securely holds crown or bridge that is placed in steam cleaning.

*Soft net assures stain removal without any damage on a porcelain crown.

No. 21551



*Inside diameter / ø64mm
*Outside diameter / ø73mm

Not
Autoclavable
NO

Plaster Saw Set Type-4

Contents Handle, Saw Blade (4ea)

*Thanks to rotative handle, easy to attach, remove blade.

*Thanks to a certain of weight, easy to handle with stable power.

No. 13208



Not
Autoclavable
NO

*Size / 210mm

Sold Separately

Plaster Saw Blad

No. 13214
(4ea)



*Size / 100mm
*Thickness / 0.2mm

Plaster Forceps

Not
Autoclavable
NO



L
No. 18811



S
No. 18812

Plaster Knife

Not
Autoclavable
NO

No. 21340





Laboratory Tweezers



Str.
No. 11401



Cvd.
No. 11402



for Acid
No. 11403

*Vinyl coated.

-Slim-



Str.
No. 11404



Cvd.
No. 11405

Locking Tweezers



YS-707S
No. 22707



YS-708L
No. 22708



Flask

Upper
No. 21411



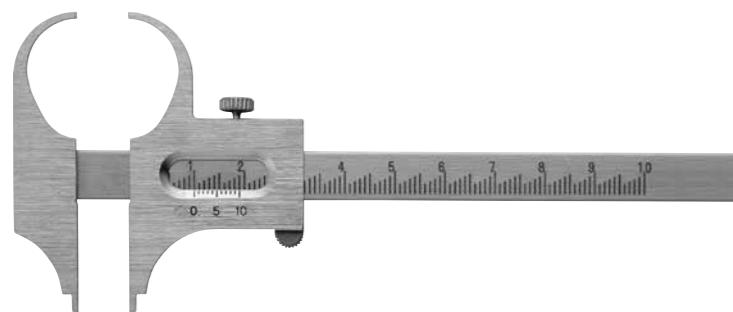
Lower
No. 21412



*Size / W100 x D95 x H57mm
*Moist heat type
*With inner lid

Laboratory Calipers

No. 21100



Not
Autoclavable
✖ NO

Parallel Meter

No. 21122



*The check of the parallel of an anchor tooth for crown or bridge.

*Measurement of the width of pontic.

Dental Calipers

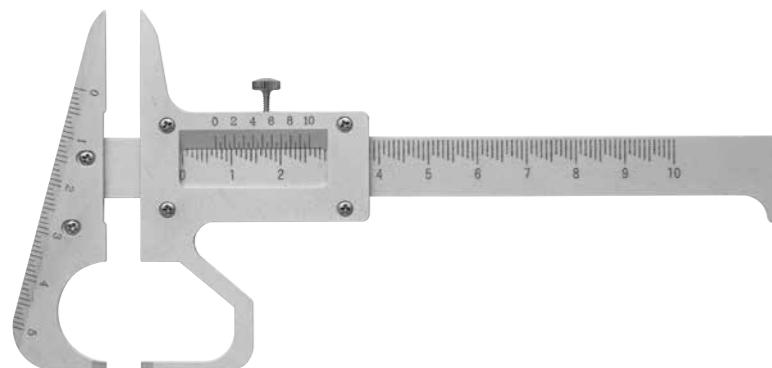
*Used to measure a prosthesis.

1) Inner and outer diameter.

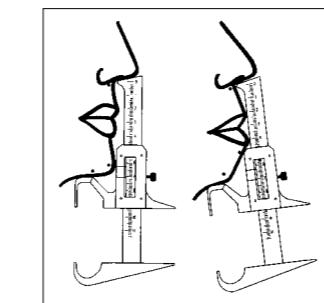
2) Height and width of wax bite rim.

3) Occlusal vertical dimension. (with the reverse side scale)

No. 21101



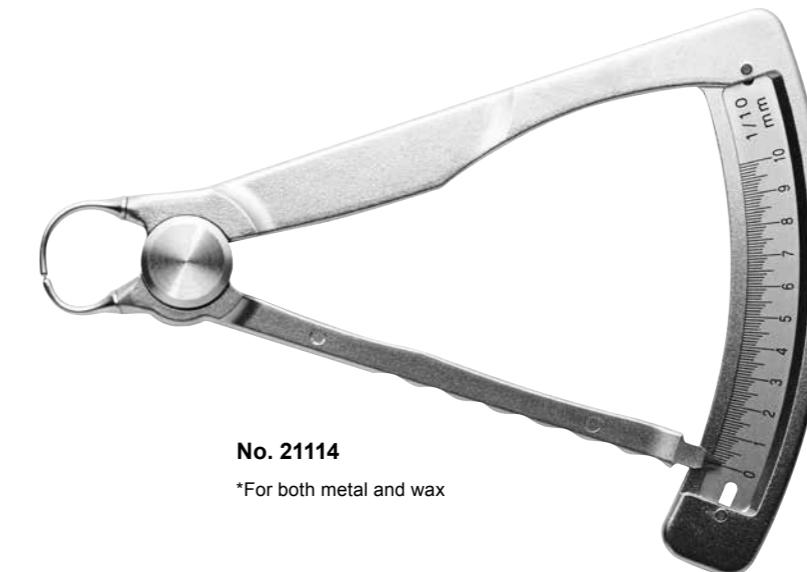
Not
Autoclavable
✖ NO



Not
Autoclavable
✖ NO

Spring Calipers 3

*Scale on the both sides.



No. 21114

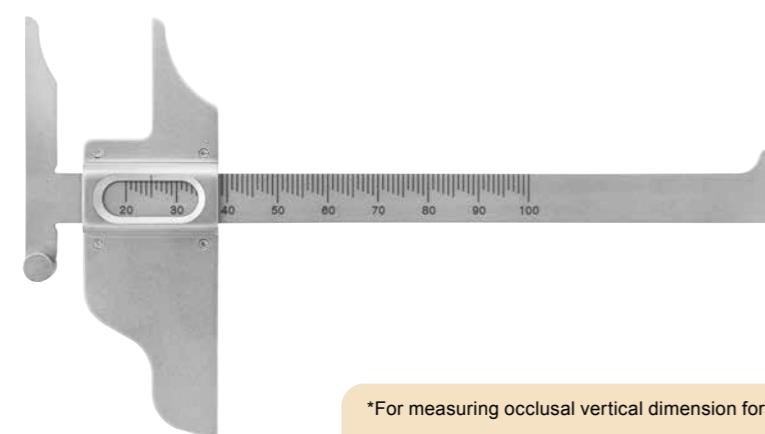
*For both metal and wax



for Resin Faced Cast Crown
No. 21115

Bite Gauge Tsubone

No. 21121



Not
Autoclavable
✖ NO

*For measuring occlusal vertical dimension for full denture.

(1) Case of readjustment

Measure the dimension between nose and chin for bite taking of readjustment. *Refer to "Chart 1"

(2) Case of removing all the remaining teeth

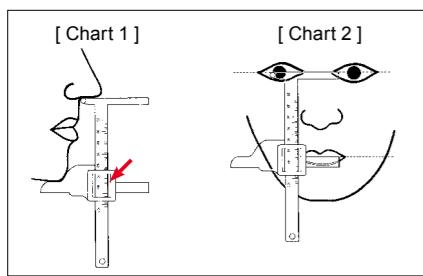
Measure the dimension between nose and chin before removing the teeth for bite taking of new full denture. *Refer to "Chart 1"

(3) Case of making new full denture

Measure the dimension between pupil and oral slit for bite taking.

The dimension between nose and chin should be almost same with the one from pupil and oral slit.

*Refer to "Chart 2"





Handy Torch



- *Designed for one-handed operation during soldering or waxing.
- *Used by hand or by placing it on a desk.
- *Flame control is possible. Flame is stable.
- *Gas is empty at the time of delivery.



Labo
No. 27906

*Strong flame for powerful operation.



Ortho
No. 27907

*Sharp flame for delicate operation.

Specifications

- *Size / W76.6 x D54.5 x H154mm
- *Weight / 245g (with screen board)
- *Gas volume / 15g
- *Combustion time / Approx. 35 minutes (Labo)
Approx. 80 minutes (Ortho)
- *Flame temperature / 1300°C (Blue flame)



*The head have 70° angle. This angle avoids the flame from going straight upwards, preventing direct dripping of wax on the nozzle.

Name of Parts

