



Laboratory Technique

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Laboratory Pliers

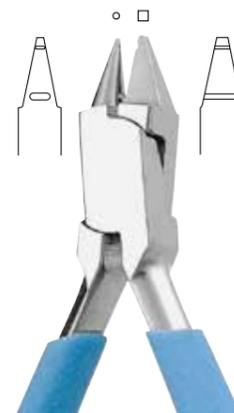
*Easily identified by a color grip.



How #110
No. 18410



Peeso #118
No. 18418



Clasp Bending #1
No. 18481



KI
No. 18482



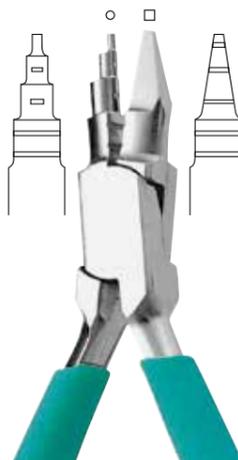
Three Jaws
No. 18483



Goslee #136
No. 18436



Gordon #137
No. 18437

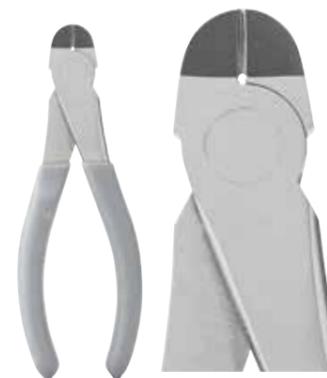


Young #R74
No. 18474



Concaved
No. 18480

Wire Cutter



YS-602
KI
No. 22602

*Cutting capacity / up to ϕ 1.1mm



YS-603
Standard
No. 22603

*Cutting capacity / up to ϕ 1.2mm

*Maximum wire capacity / ϕ 1.0mm.



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.

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	Sagittally	10°
	Laterally	10°

Accessories

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

-Smart 2-

- *Condylar Articulator with Average Type For identical.
- *Able to make Full-balanced Occlusion denture without Face Bow.

No. 19662



Protrusive movement screw

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	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

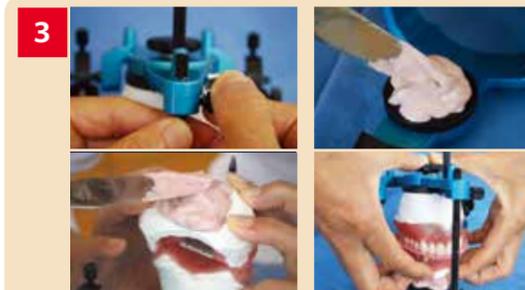
[Occlusal adjustment by remount]



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.



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



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.



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	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)

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	Sagittally	10° / 15° / 20°
	Laterally	10° / 15° / 20°

Accessories

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

Face Bow Type-2



No. 19682



Sold Separately

Cast Support No. 19677



*Only Bite Fork is Autoclavable.





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

6) Guide Table 10°



7) Guide Table 15°



8) Guide Table 20°



No.	Description	Arcon	Smart2	Mobile	Wing
1	Movable Occlusal Plane Plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Arcon Occlusal Plane Plate	<input type="checkbox"/>			<input type="checkbox"/>
3	Split Cast Plate B (2 ea.)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
4	Split Cast Retention Disk (10 ea.)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
5	Mounting Ring (2 ea.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Incisal Guide Table 10°	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Incisal Guide Table 15°	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Incisal Guide Table 20°	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Unity Articulator



No. 19601



Specifications

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

Partial Articulator



A
No. 19501



B
No. 19502



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

*Distance between upper and lower frames / 40mm



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.

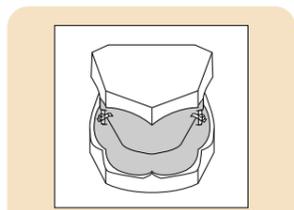
No. 11650



Fuji Bite Lock



No. 21421
(12 ea.)



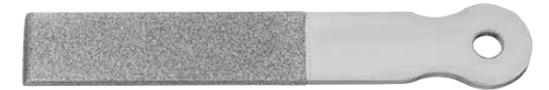
*Used heated and fixed the wax between upper and lower jaws.

Diamond Dresser



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

No. 13055

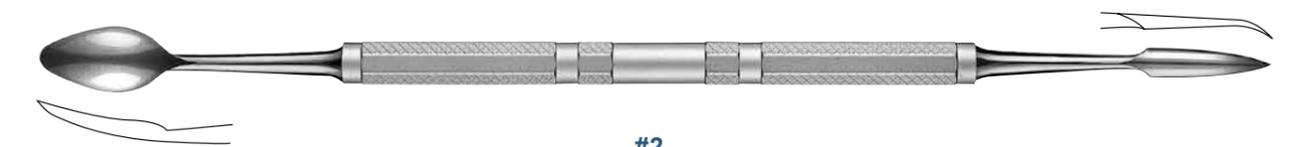


*Size / W110 x D17 x H3mm

Wax Spatula



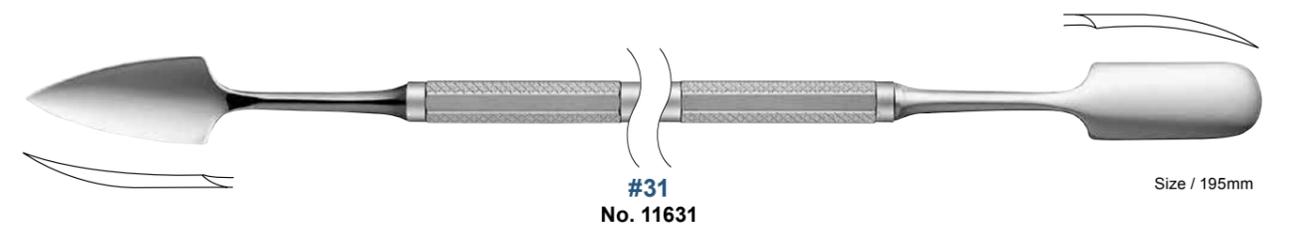
#1
No. 11601



#2
No. 11602



#7A
No. 11607



#31
No. 11631

Size / 195mm



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-



*Size / 95mm



-Long Handle-



*Size / 105mm

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)



A1 (Evan)

A2

A3 (AT1)

A4 (Slim)

A5 (AT2)

A7

A8

A9

A10

No Blade



B1 (Evan)

B2 (AT1 Slim)

B3 (AT2)

B4

C1

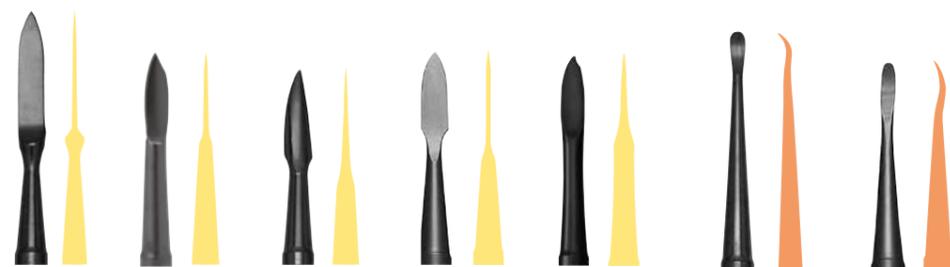
C2

C4

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

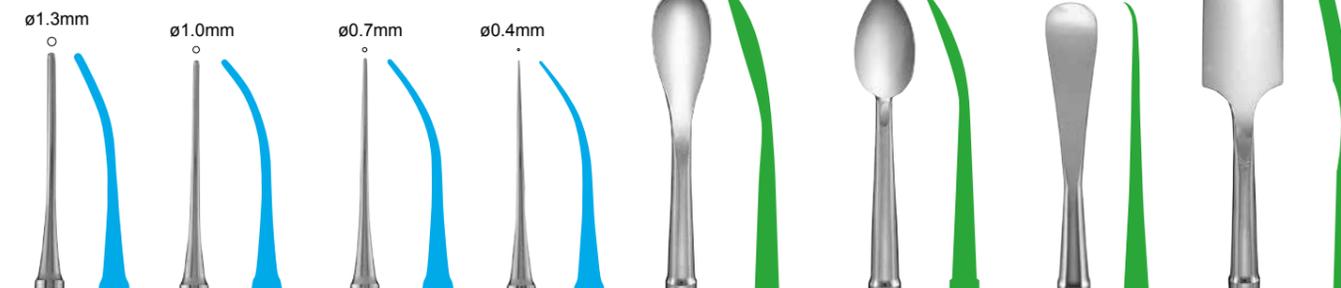
RD3

RD4

RD7

RD8 (Noir #1)

RD10 (Noir #1)



ø1.3mm

ø1.0mm

ø0.7mm

ø0.4mm

E1

E2

E3

E4

F1

F2

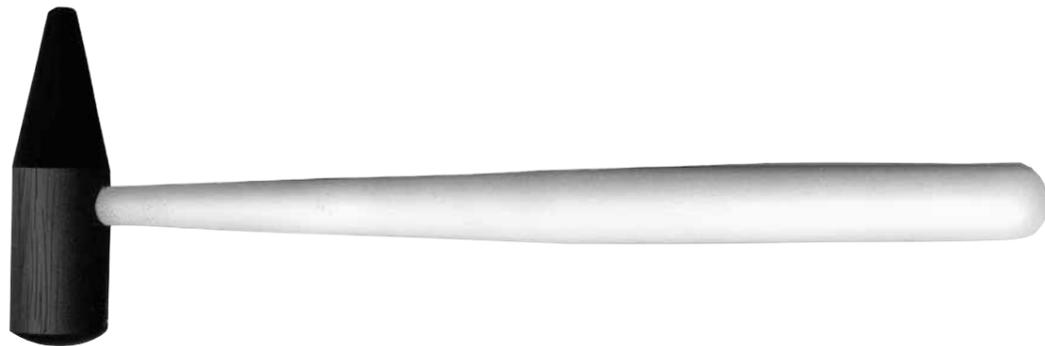
F3

F4



Condense Mallet

No. 21511



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



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



*Size / 210mm

Sold Separately

Plaster Saw Blad
 No. 13214
 (4ea)



*Size / 100mm
 *Thickness / 0.2mm

Plaster Knife

No. 21340





Laboratory Tweezers

Locking Tweezers



Str.
No. 11401



YS-707S
No.22707



Cvd.
No. 11402



YS-708L
No.22708



for Acid
No. 11403 *Vinyl coated.

Flask



-Slim-



Str.
No. 11404

Upper
No. 21411

Lower
No. 21412



Cvd.
No. 11405

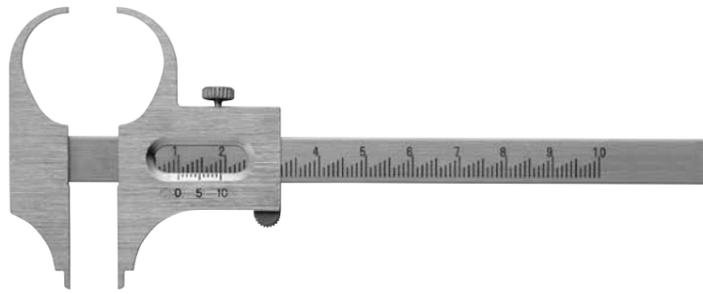


*Size / W100 x D95 x H57mm
*Moist heat type
*With inner lid



Laboratory Calipers

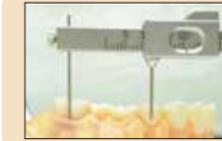
No. 21100



Parallel Meter



No. 21122



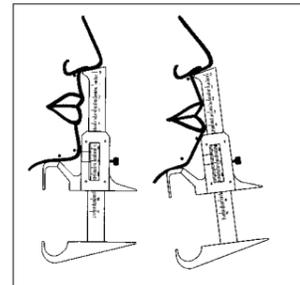
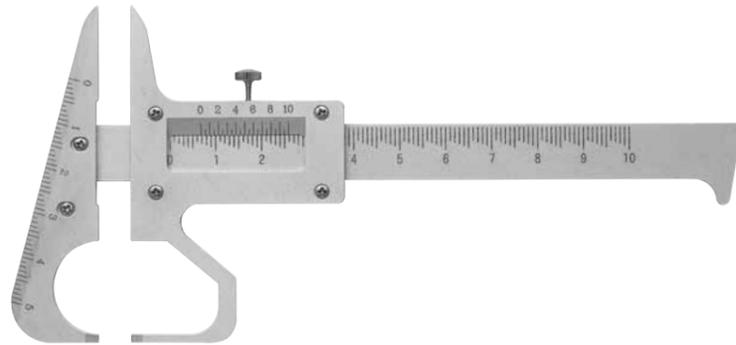
*The check of the parallel of an anchor tooth for crown or bridge.
*Measurement of the width of pontic.

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



Spring Calipers 3



*Scale on the both sides.



No. 21114

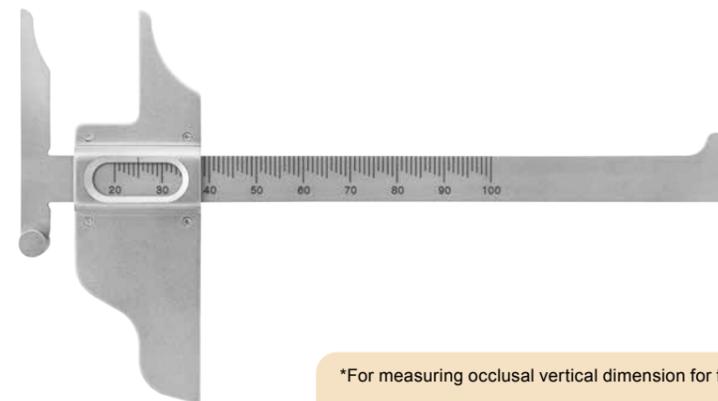
*For both metal and wax



for Resin Faced Cast Crown
No. 21115

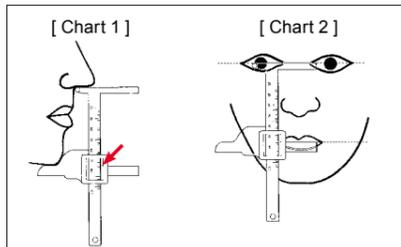
Bite Gauge Tsubone

No. 21121



*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.

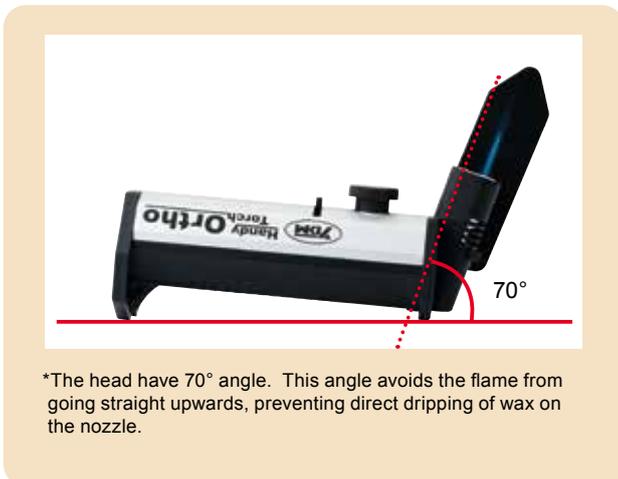


Ortho
No. 27907

*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

