

*Glows*™  
Since 1978

# Glows Precise Idea



*Precise  
Durable  
Smooth  
Balanced  
Consistent*

41  
Anniversary



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2460 (K062947)



2019.01.23

High Speed Handpiece

Fiber Optic High Speed Handpiece  
Connect to KAVO® MULTiflex LUX



**S-MAX PLUS LUX M600KL**

- Standard head
- Cartridge turbine inside for easy replacement of turbine
- Compatible to NSK S-Max M600KL with the same size cartridge turbine SX-SU03
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**Ti-Extra LUX 9500B**

- Torque head
- Titanium surface coating technology optimizes durability and scratch resistance
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**Ti-Extra LUX 9200B**

- Mini. torque head
- Titanium surface coating technology optimizes durability and scratch resistance
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**ExtraTorque LUX 660B**

- Torque head
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**MiniTorque LUX 645B**

- Mini. torque head
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area

Fiber Optic High Speed Handpiece  
Connect to NSK® Coupling



**SUPER-MAX LUX M600L**

- Standard head
- Cartridge turbine inside for easy replacement of turbine
- Compatible to NSK S-Max M600L with the same size cartridge turbine SX-SU03
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**SUPER-MAX LUX X600L**

- Standard head
- Compatible to NSK Ti-Max X600L with the same size turbine TiX-SU03
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**Ti-Extra LUX 9200BN**

- Mini. torque head
- Titanium surface coating technology optimizes durability and scratch resistance
- Glass fiber optic rod
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area

45 Degree Handpiece

**SUPER-45 LED SU Self-Generator LED Handpiece**

- Standard head
- Single water spray
- 400,000 rpm
- Push button chuck



**SUPER-45 QD SU**

- Standard head
- Single water spray
- 400,000 rpm
- Push button chuck



**SUPER-45 SU**

- Standard head
- Single water spray
- 400,000 rpm
- Push button chuck



High Speed Handpiece

Handpiece Connect to NSK® QDJ Non Fiber Coupling

**S-MAX PLUS LED QD SU Self-Generator LED Handpiece**

- Standard head
- Cartridge turbine inside for easy replacement of turbine
- Compatible to NSK DynaLED M600LG QD with the same size cartridge turbine SX-SU03
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**E-Torque LUX 632BN Self-Generator LED Handpiece**

- Standard head
- Triple water spray
- 380,000 rpm
- Push button chuck



**SUPER-MAX PLUS QD SU**

- Standard head
- Cartridge turbine inside for easy replacement of turbine
- Compatible to NSK PanaMax PLUS QD SU with the same size cartridge turbine SX-SU03
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**SUPER-QD ETU**

- Torque head
- Single water spray
- 350,000 rpm
- Push button chuck



**SUPER-MAX QD SU**

- Standard head
- Single water spray
- 400,000 rpm
- Push button chuck



**SUPER-QD MU**

- Mini. head
- Single water spray
- 400,000 rpm
- Push button chuck



Handpiece with Midwest 4 Holes / Borden 2 Holes Connection

**S-MAX PLUS LED SU Self-Generator LED Handpiece**

- Standard head
- Cartridge turbine inside for easy replacement of turbine
- Compatible to NSK DynaLED M600LG with the same size cartridge turbine SX-SU03
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**E-Torque LUX 632B Self-Generator LED Handpiece**

- Standard head
- Triple water spray
- 380,000 rpm
- Push button chuck



**SUPER-MAX PLUS SU**

- Standard head
- Cartridge turbine inside for easy replacement of turbine
- Compatible to NSK PanaMax PLUS SU with the same size cartridge turbine SX-SU03
- Push button chuck system
- Quattro water spray effectively cools the entire preparation area



**SUPER-MAX PLUS S**

- Standard head
- Cartridge turbine inside for easy replacement of turbine
- Wrench type chuck
- Quattro water spray effectively cools the entire preparation area



High Speed Handpiece

Handpiece with Midwest 4 Holes / Borden 2 Holes Connection

**SUPER-MAX TU**

- Torque head
- Single water spray
- 350,000 rpm
- Push button chuck



**SUPER-MAX T**

- Torque head
- Single water spray
- 350,000 rpm
- Wrench type chuck



**SUPER-MAX SU**

- Standard head
- Single water spray
- 400,000 rpm
- Push button chuck



**SUPER-MAX S**

- Standard head
- Single water spray
- 400,000 rpm
- Wrench type chuck



**SUPER-AIR SU**

- Standard head
- Single water spray
- 400,000 rpm
- Push button chuck



**SUPER-AIR S**

- Standard head
- Single water spray
- 400,000 rpm
- Wrench type chuck



**SUPER-AIR M**

- Mini. head
- Single water spray
- 400,000 rpm
- Wrench type chuck



The manufacturer reserves the right to alter and improve the specifications without notice.

Kids Crown

STAINLESS STEEL PRIMARY MOLAR CROWN

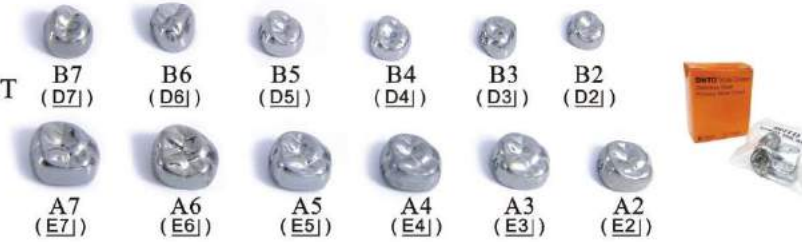


UPPER  
上顎

LEFT  
左側

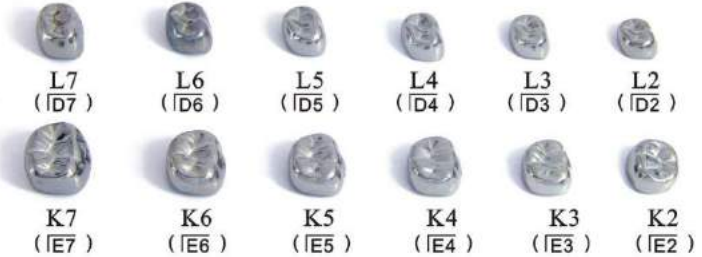


RIGHT  
右側



LOWER  
下顎

LEFT  
左側



RIGHT  
右側



D: First Molars  
第一乳白齒

E: Second Molars  
第二乳白齒

High Speed Handpiece Turbine(Rotor)

Replacement Turbine

Fit NSK®



**PL-001-01**  
Wrench Type  
Fit to NSK® PANA-AIR  
Standard Head



**PL-001-02**  
Wrench Type  
Fit to NSK® PANA-AIR  
Mini. Head



**PL-001-05**  
Push Button Type  
Fit to NSK® PANA-AIR  
Standard Head



**PL-001-01-PAX2R-S03**  
Wrench Type  
Fit to NSK® PanaAir FX  
Standard Head



**PL-001-05-PAX2R-SU03**  
Push Button Type  
Fit to NSK® PanaAir FX  
Standard Head



**PL-001-05-NCH-SU03**  
Push Button Type  
Fit to NSK® CH-QD, Ti-Max 45  
Standard Head



**PL-001-05-NVA-SU03**  
Push Button Type  
Fit to NSK® VIP II,  
Standard Head



**PL-001-05-NMC-SU03**  
Push Button Type  
Fit to NSK® MACH-LITE,  
MACH-QD Standard Head



**PL-001-05-NMC-MU03**  
Push Button Type  
Fit to NSK® MACH-LITE,  
MACH-QD Mini. Head



**PL-001-05-PAX-SU03**  
Push Button Type  
Fit to NSK® PANA-MAX SU,  
Standard Head



**PL-001-05-PAX-TU03**  
Push Button Type  
Fit to NSK® PANA-MAX TU,  
Torque Head



**PL-001-05-TIX-SU03**  
Push Button Type  
Fit to NSK® Ti-Max X600L  
Standard Head



**PL-001-05-TIX-TU03**  
Push Button Type  
Fit to NSK® Ti-Max X700L  
Torque Head



**PL-001-05-SX-SU03**  
Push Button Type  
Fit to NSK® PANA-MAX PLUS SU,  
S-MAX M600L  
Standard Head



**PL-001-05-SX-MU03**  
Push Button Type  
Fit to NSK® PANA-MAX PLUS MU,  
S-MAX M500L  
Mini. Head

Fit Midwest®



**PL-001-05-MIDTRADITION**  
Push Button Type  
Fit to Midwest®  
Tradition Push Button



**PL-001-05-MIDTRADITIONLEVER**  
Push Button Type  
Fit to Midwest®  
Tradition Lever

Fit STAR®



**PL-001-05-STAR430**  
Push Button Type  
Fit to STAR®430

Fit Codent®



**PL-001-05-HPS3**  
Push Button Type  
Fit to Codent®HPS3CQ/3CM/3CML

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Fit KAVO®



**PL-001-05-K680**  
Push Button Type  
Fit to KAVO®  
EXPERTorque E680



**PL-001-05-K8000**  
Push Button Type  
Fit to KAVO®  
GENTLEsilence 8000



**PL-001-05-K7000**  
Push Button Type  
Fit to KAVO®  
GENTLEforce 7000



**PL-001-05-K6500**  
Push Button Type  
Fit to KAVO®  
GENTLEsilence 6500



**PL-001-05-K5000**  
Push Button Type  
Fit to KAVO®  
GENTLEmini 5000



**PL-001-05-K660**  
Push Button Type  
Fit to KAVO®  
SUPERtorque 660



**PL-001-05-S619**  
Push Button Type  
Fit to KAVO®  
SMARTorque S619L/S609



**PL-001-05-K650**  
Push Button Type  
Fit to KAVO®  
SUPERtorque 650



**PL-001-05-K640**  
Push Button Type  
Fit to KAVO®  
SUPERtorque 640/630



**PL-001-05-K636**  
Push Button Type  
Fit to KAVO®  
COMPACTorque 636CP



**PL-001-05-S615**  
Push Button Type  
Fit to KAVO®  
SMARTorque S615L/S605



**PL-001-05-K635**  
Push Button Type  
Fit to KAVO® 635/637



**PL-001-05-K642**  
Push Button Type  
Fit to KAVO®  
BELLAtorque 642/632

Fit W&H®



**PL-001-05-TA98**  
Push Button Type  
Fit to W&H® SYNEA TA98



**PL-001-05-TA98LED**  
Push Button Type  
Fit to W&H® SYNEA TA98LED



**PL-001-05-TA96**  
Push Button Type  
Fit to W&H® SYNEA TA96



**PL-001-05-798**  
Push Button Type  
Fit to W&H® 798/795/698

Fit BIEN AIR®



**PL-001-05-BORA**  
Push Button Type  
Fit to BIEN AIR® BORA



**PL-001-05-BPEARL**  
Push Button Type  
Fit to BIEN AIR® BLACK PEARL



**PL-001-05-T3RACER**  
Push Button Type  
Fit to Sirona® T3 Racer



**PL-001-05-T2RACER**  
Push Button Type  
Fit to Sirona® T2 Racer

Fit Sirona®

High Speed Handpiece Spare Parts

Handpiece Coupling



**PL-001-QDJKLED**  
Fit to KAVO®  
Fiber Optic Handpiece



**PL-001-QDJKL**  
Fit to KAVO®  
Fiber Optic Handpiece



**PL-001-QDJK**  
Fit to KAVO®  
Non Fiber Optic Handpiece



**PL-001-QDJNLED**  
Fit to NSK®  
Fiber Optic Handpiece



**PL-001-QDJ**  
Fit to NSK®  
Non Optic Handpiece

Handpiece Bearing



**PL-001-61**  
Bearing  
Bore: 3.175mm  
Outside: 6.35mm  
Width: 2.38mm



**PL-001-62**  
Bearing  
Bore: 3.175mm  
Outside: 6.35mm  
Width: 2.779mm



**PL-001-63**  
Bearing  
Bore: 3.175mm  
Outside: 6.35mm  
Width: 2.779mm

Handpiece Bulb



**PL-001-70**  
Light Bulb fit to NSK®  
Fiber Optic Coupler



**PL-001-70K**  
Light Bulb fit to  
KAVO®MULTiflex LUX



**PL-001-70LED**  
LED Bulb fit to NSK®  
Fiber Optic Coupler



**PL-001-70KLED**  
LED Bulb fit to  
KAVO®MULTiflex LUX



**PL-001-70SLED**  
LED Bulb fit to SIRONA®  
Fiber Optic Coupler



**PL-001-70W2LED**  
LED Bulb fit to W&H®  
Fiber Optic Coupler



**PL-001-70W2.5LED**  
LED Bulb fit to W&H®  
Fiber Optic Coupler

Parts for Handpiece



**PL-001-21**  
Standard Back Cap



**PL-001-22**  
Push Button Back Cap  
Fit to PANA-AIR SU



**PL-001-22-K660**  
Push Button Back Cap  
Fit to KAVO®660/655/647



**PL-001-22-K640**  
Push Button Back Cap  
Fit to KAVO®SUPER  
torque 640/630



**PL-001-22-K642**  
Push Button Back Cap  
Fit to KAVO®BELLA  
torque 642/632



**PL-001-22-M600L**  
Push Button Back Cap  
Fit to NSK®S-MAX M600L/  
PANA MAX PLUS SU



**PL-001-22-X600L**  
Push Button Back Cap  
Fit to NSK®TI-Max X600L



**PL-001-22-TA98**  
Push Button Back Cap  
Fit to W&H®SYNEA TA98



**PL-001-22-TA96**  
Push Button Back Cap  
Fit to W&H®SYNEA TA96



**PL-001-30**  
Borden 2/3 Holes  
Gasket



**PL-001-31**  
Midwest 4 Holes  
Gasket



**PL-001-32**  
Midwest 5 Holes  
Gasket



**PL-001-33**  
6 Holes Gasket



**PL-001-22-K660-KEY**  
Push Button Back  
Cap Wrench  
Fit to NSK®8000/7000/  
6500/660/655/647/S619



**PL-001-20**  
Bur Wrench



**PL-001-51**  
Wrench Type  
Chuck



**PL-001-52**  
Push Button  
Chuck



**No.038C**  
B2 Handpiece to  
M4 Connector



**No.038D**  
M4 Handpiece to  
B2 Connector



**No.038B**  
Midwest 4 Holes  
Connector and Nut



**No.038**  
Borden 2 Holes  
Connector and Nut



**PL-520-30**  
Aluminum Bur Block  
with Cover (30 holes)



**PL-325**  
Light Pack for Fiber  
Optic Handpiece



**PL-325A**  
Transformer for Light  
Pack



**PL-324A**  
Straight Tubing with  
Borden 2/3 Holes  
Connector  
(Silicone Sleeve)



**PL-324B**  
Straight Tubing with  
Midwest 4 Holes  
Connector  
(Silicone Sleeve)



**PL-324C**  
Straight Tubing with  
6 Holes Connector for  
Fiber Optic Handpiece  
(Silicone Sleeve)

Electric Micromotor System

**Brushless Electric Micromotor**

Fiber Optics  
Internal Water Spray  
Model: PL-680

Upgrade your dental chair air motor with GLOWS<sup>®</sup> Micromotor system simply.



Existing foot pedal can be used for operation

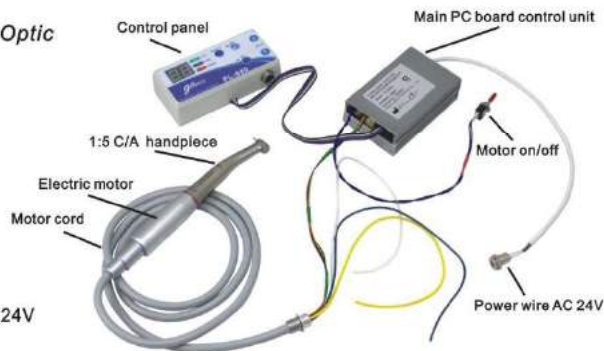
**Feature:**

1. Electric drive eliminates the drawback of air turbine handpiece - noise, stalling and lack of torque at low speeds, etc.
2. High reliable, micro vibration and noiseless rotation throughout the full speed range.
3. The control panel is designed to provide clear indication of all the functions and rotation speeds.
4. Easy to connect to the existing turbine hose B2/M4/6 holes of dental unit or dental cart in the clinic and dental unit foot pedal can be used for speed control.
5. With 1:5 speed increasing contra angle, speed can reach to a maximum of 200,000 rpm.

**Specification:**

Control box power: Input 100V-240VAC Output 32VDC / 24VAC  
Output power: 80W  
Max. speed: 1,000 ~ 40,000 rpm  
Dimension: L 170 mm x W 135 mm x H 72 mm  
Weight: 1.3 kgs

**PL-680-I Built-in System  
Internal Water Spray-Optic**



**Technical Specification:**

- Power input: 100V~240V, 50/60Hz
- Output: DC 32V / AC 24V
- Control unit rated input: DC 32V/ AC 24V
- Motor Speed: 1,000 ~ 40,000 rpm
- Output Wattage: 80W

1:5 Increasing

**Model: SUPER-MAX M95L**

- Push button chuck
- Quattro water spray
- Fiber optic
- For FG burs (ø1.6)
- Max 200,000 rpm



1:1 Direct Drive

**Model: SUPER-MAX M25L**

- Push button chuck
- Single water spray
- Fiber optic
- For CA burs (ø2.35)
- Max 40,000 rpm



Implant Handpiece

Fiber Optic

**Model: SUPER-MAX SG20L**

- Push button chuck
- External cooling
- Fiber optic
- For CA burs (ø2.35)
- Max Torque: 80 Ncm
- Max 2,000 rpm



Non Fiber Optic

**Model: PLSG20**

- Push button chuck
- External and internal cooling
- For CA burs (ø2.35)
- Max Torque: 80 Ncm
- Max 2,000 rpm



Low Speed Handpiece

Sonic Endo System

PLIS-205 Air Motor Pack (ISO E-Type Internal Water Spray)

**Model: PLIS-205 + PLIS-6 + PLIS-E**  
ISO E-Type Internal Water Spray

- Air Motor (PLIS-205)
- Straight Handpiece (PLIS-6)
- Push Button Contra Angle Handpiece (PLIS-E)



Push Button Contra Angle Handpiece Head (PLIS-E-HEAD)

PLIS-EL Self-Generator LED Contra Angle Handpiece

PL-203 Air Motor Pack (ISO E-Type External Water Spray)

**Model: PL-203 + PLEX-6B + PLNAC-EC**  
ISO E-Type External Water Spray

- Air Motor (PL-203)
- Straight Handpiece (PLEX-6B)
- Contra Angle Handpiece (PLNAC-EC)



PLFFB-EC Push Button Head Contra Angle Handpiece (CA Bur Use)



PLFFB-EC Push Button Head Contra Angle Handpiece (FG Bur Use)



SUPER-AIR Handpiece Sonic Endo System



**Feature**

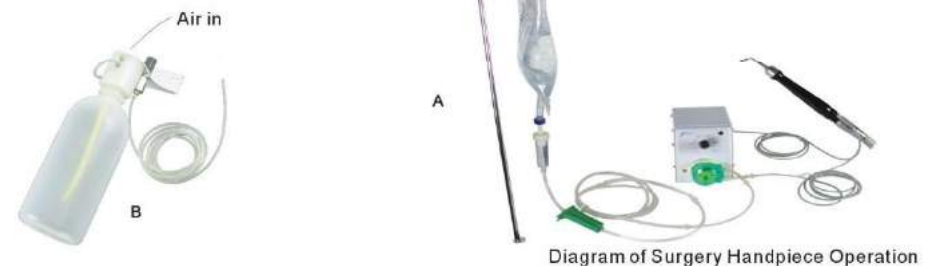
1. Swivel ring adjusts amplitude, allowing selection of adequate frequency
2. Head part compatible to MICRO-MEGA SONIC AIR®



**Feature**

1. With patented lever, easy to switch between solution bottle line and dental-unit-water line
2. Swivel ring adjusts amplitude, allowing selection of adequate frequency
3. Head part compatible to MICRO-MEGA SONIC AIR®

**Optional:**  
Self-Contained Liquid System  
For Air Sonic Endo and Sonic scaler:





**GLOWSONIC 330E LED Ultrasonic Scaler**

**DELUXE TYPE**

**Application:**  
Scaling  
Periodontics  
Endodontics  
Restoration



**Feature:**

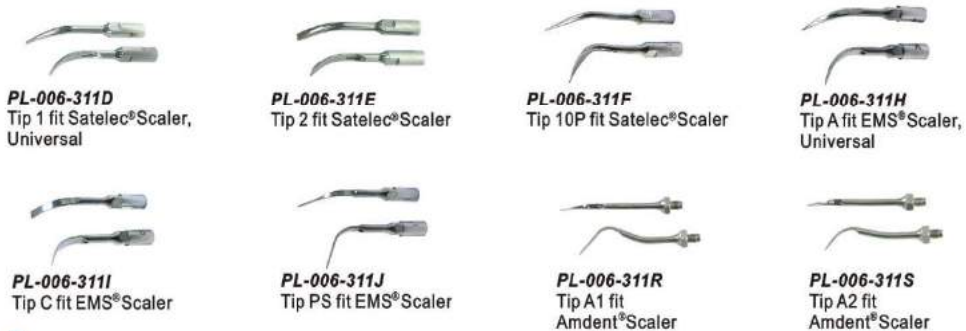
- Detachable handpiece with Led, better visibility, autoclavable.
- Automatic frequency tracking.
- Standard accessories:  
G1 x 2 Universal Scaling, G2 x 1 Sickle Scaling  
G4 x 1 Scaling, P1 x 1 Periodontal Scaling, E120 x 1 for Endodontics
- With fluid pump for bottle of clinical solution- sodium hypochlorite, hydrogen peroxide and chlorhexidine is usable.
- Scaler handpiece without Led, PLV30 with tip wrench A for restoration are available to supply upon request.

**Technical Specification:**

- Power Input 100-240VAC, 50/60 Hz
- Main Unit Input 30VDC 1.5A
- Frequency 30KHz ± 3KHz
- Main Unit Weight: 1.3kgs
- Main Unit Dimension: 190 x 135 x 60 mm



PL-006-G1 PL-006-G2 PL-006-G3 PL-006-G4 PL-006-P1 PL-006-P4 PL-006-E120 PL-006-E90 PLV30 Tip Wrench B



**PL-006-311D**  
Tip 1 fit Satelec®Scaler, Universal

**PL-006-311E**  
Tip 2 fit Satelec®Scaler

**PL-006-311F**  
Tip 10P fit Satelec®Scaler

**PL-006-311H**  
Tip A fit EMS®Scaler, Universal

**PL-006-311I**  
Tip C fit EMS®Scaler

**PL-006-311J**  
Tip PS fit EMS®Scaler

**PL-006-311R**  
Tip A1 fit Amdent®Scaler

**PL-006-311S**  
Tip A2 fit Amdent®Scaler

**GLOWSONIC 330E Ultrasonic Scaler**

Compatible with EMS® Scaler and Tips



W/DETACHABLE HANDPIECE

W/SEALED HANDPIECE

**Feature:**

- Function: Scaling, Perio and Endo complete with 5 tips  
-G1x2, G2x1, G4x1, P1x1.
- Digitally and automatically controlled frequency-tracking system is used to ensure the high-performing frequency and stability.
- Detachable handpiece is autoclavable under 135°C.
- Both detachable and sealed handpieces are available.

**GLOWSONIC 330E Auto Ultrasonic Scaler**



W/BOTTLED WATER



**PL-009B**  
Ultrasonic Scaling Handpiece (fit to EMS®scaler machine)



**PL-009BS**  
Ultrasonic Scaling Handpiece (fit to SATELEC®scaler machine)

**GLOWSONIC 330E Built-in Type**



SOLENOID VALVE WATER HOSE  
FREQUENCY ADJUSTER ON/OFF POWER SUPPLY 30V.DC TIP WRENCH



**PL-009F**  
Dental Scaling Handpiece Extension Joint (fit to EMS®scaler machine)

EMS® is a registered trademark of Electro Medical Systems SA, Switzerland.  
Satelec® is a registered trademark of Acteon SA, France.  
Amdent® is a registered trademark of LM Instruments Oy, Finland.  
The Glows company or its products are in no way connected with EMS®, Satelec® and Amdent® company.

**Air Sonic Scaler**



**PL-006**  
Air Scaler  
Available in Borden 2 holes, Midwest 4 holes.



**PL-006-III**  
Air Scaler  
Available in Borden 2 holes, Midwest 4 holes.



**PL-006-III K**  
Air Scaler  
fit to KAVO® MULTIflex Coupling



**PL-006-III N**  
Air Scaler  
fit to NSK® Coupling



**Optional:**

**1. Cooling Adapter Convert:**



• With cooling adapter convert "B", surgery tip could be screwed in for bone surgery, and with convert "D" METRON® surgery tips could be screwed in for bone surgery. Solution come from outside control unit.

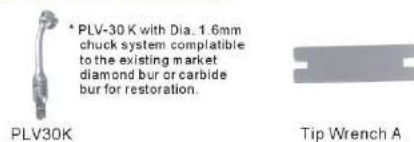
**2. Surgery Tips: Split Crest**



**3. Periodontics Tips:**



**5. Tip Holder for Restoration:**



**4. Endodontics Tips:**



**TRIMMER KIT For Implant**

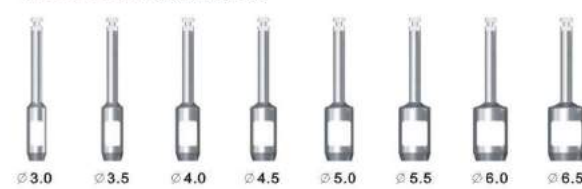
**Trephine Bur (取骨環鋸)**



**Saw Disk (骨鋸)**



**Tissue Punch (軟組織環刀)**



**1.25mm Screw Driver Ratchet Type**

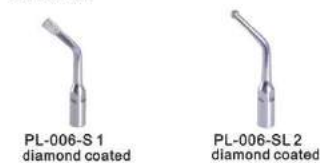


**Surgery Tips**

**Thread fits to METRON® Bone Surgery Tips, Osteotomy**



**Sinus Lift**



**Sinus Membrane Tool**



**Scraper Tips**



PLV30 Tip Holder

Our Glows PLV30 Tip Holder complete with  $\varnothing$  1.6mm chuck system is compatible to the existing market diamond bur or carbide bur and for using on the various Ultrasonic Scaler, Air Sonic Scaler system. It offers the flexibility and expandability to meet the wide requirements for multi-purpose clinical applications.

- The length of 12.5 mm restorative tools are available to supply upon request.
- The thread fit for EMS® · SATELEC® · MECTRON® · NSK® · KAVO® are also available to supply upon request.



Restorative tools for optional:

Restorative (For Minimal Intervention):  
Diamond Bur, Round head, Length: 12.5 mm  
Diamond Coated, Normal Grade

- $\varnothing$  0.8 mm Order Code VDB80108 pack of 3
- $\varnothing$  1.2 mm Order Code VDB80112 pack of 3
- $\varnothing$  1.6 mm Order Code VDB80116 pack of 3
- $\varnothing$  Assorted (0.8/1.2/1.6mm) VDB801M pack of 1 each



Restorative (For Finishing/Trimming/Polishing):  
Diamond Bur, Flame, Length: 12.5 mm  
Diamond coated:

- Normal Grade, Order Code VDB86012M pack of 3
- Fine Grade, Order Code VDB86012F pack of 3
- Super Fine Grade, Order Code VDB86012SF pack of 3
- Assorted (N/F/SF), Order Code VDB86012 pack of 1 each



Restorative (For Caries of Dentine)  
Carbide Bur, Length 12.5 mm

- $\varnothing$  0.8 Order Code V008 pack of 3
- $\varnothing$  0.8 x 2.0 Order Code V330 pack of 3
- $\varnothing$  1.2 x 1.5 Order Code V331 pack of 3
- Assorted ( $\varnothing$  0.8/0.8/1.2) Order Code V333 pack of 1 each



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SATELEC® is a registered trademark of Acteon SA, France.  
MECTRON® is a registered trademark of Mectron Srl, Italy.  
NSK® is a registered trademark of Nakanishi Inc., Japan.  
KAVO® is a registered trademark of Kaltenbach & Voigt GmbH & Co., Germany

LED Curing Light

LED PROLUX 770-II Curing Light

Specification

- LED Rating: Single 5W
- Wavelength Range: 420 nm ~ 490 nm
- Output Light Intensity: 1200 mW/cm<sup>2</sup>( $\pm$ 10%)
- Fully-charged, in accordance with each working time of 20 seconds, the curing light could be used over 120 times.

Operating Mode Diagram

- Power switch/Preset time
- ▭ Fast mode: continuous full light intensity 1200mW/cm<sup>2</sup>( $\pm$ 10%)
- ⋮ Flashing mode: every second interval
- ◐ Linear mode: linearly increased light intensity from zero to full intensity
- Mode selection switch
- ⊞ Low battery alert
- ⏸ Be adjusted in 5-40 seconds, shut down automatically without any operation in 20 seconds



Deluxe Dual Type

LED Prolux 770-III Curing Light and Whitening Accelerator

Specification:

- Dual Function: Curing light and tooth whitening accelerator
- LED Rating: Single 5W
- Power Supply Adapter:  
AC Input: 110V-240V, 50/60 Hz. Output: DC5V 2.0 A
- Timer: For Curing- 5, 10, 15, 20, 25, 30, 40, 60 seconds  
For Whitening - 5, 10, 15, 20, 25, 30, 40, 60 minutes
- LCD Display showing battery capacity, operation modes and time



LED Prolux 770 Curing Light

Specification:

- Power Supply Adapter Rating: AC input: 110V ~ 240V, 50/60 Hz, Output: 5V 2.0A
- LED Rating: Single 5W
- Wavelength Range: 420 nm ~ 490 nm

Operation:

- 2 operation modes selection
- ▭ Fast mode: continuous full light intensity
- ◐ Linear mode: linearly increased light intensity from zero to full intensity
- 4 preset curing time selection 5, 10, 20, 30 seconds

LED Prolux 770-I Curing Light

- LED Rating: Single 5W
- Wavelength Range: 420 nm ~ 490 nm
- Fast Mode: Continuous full light intensity
- 4 preset curing time selection 5/10/15/20 seconds

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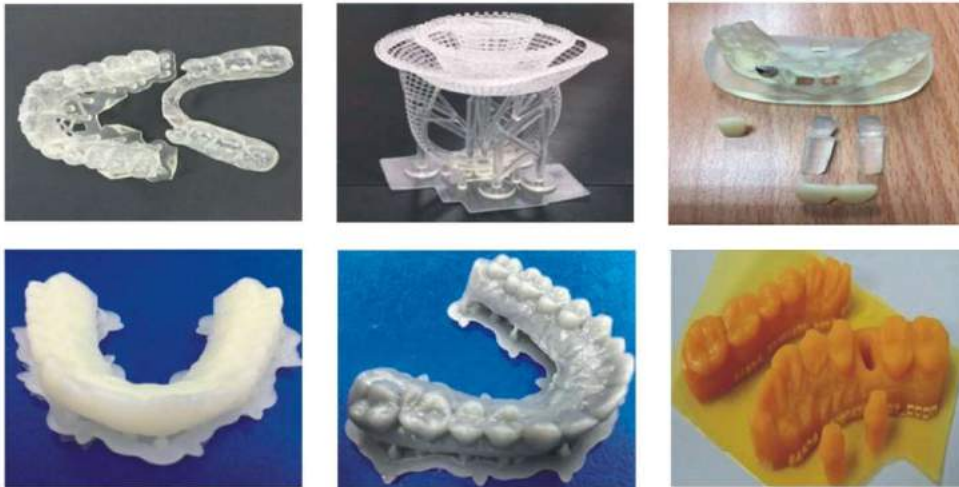
Prolux 570 Curing Light  
Halogen 12V75W Curing Light

JL-01800X Series High Quality UV Resins for SLA/DLP/LCD 3D Printers

Our UV resins has been developed for Dental and industrial clients, who were in need for a resin that is extra hard and would maintain its structural integrity while exposed to high temperatures. The properties of JL-01800X Series UV Resins is one of the few resins perfectly suitable for making dental models to develop thermoforming invisible aligners. The resins are available in Clear, Yellow, White, Grey colors.

Technical Specification:

- Suitable printers: SLA: Form1/Form1+/Form2/ Nobel 1.0A...  
DLP: Miiicraft 125, Nobel Superfine, Roland...  
LCD: MiniQ, Phrozen, Anycubic...
- Compatible 3D Printers: 10~28°C
- Viscosity (cps@25°C): 450~750
- PDMS lifetime (layers) : >2000
- Hardness (Shore D): 90
- Tensile Modulus (MPa): 750-900
- Tensile Strength (MPa): 55~65
- Elongation at Failure (%): 10~12



3D printing → Thermoforming → Invisible Aligner



Dental Supplies



Dental Glassware  
(Dappen Glass, Drug Bottle, Mercury Dispenser, Mortar & Pestle, Drug Bottle Stand, Cotton Holder and Waste Receptacle with S.S. Cover, Alcohol Lamp, Saliva Ejector, Plaster Bowl with Spatula, Silicone Mixing Cup, etc.)



PL-027A Lip Wider, Adult Type  
PL-027B Lip Wider, Child Type  
PL-028 Lip & Cheek Retractor, Round Type (Large & Small/set)  
PL-030A Lip Retractor, Adult Type  
PL-030B Lip Retractor, Child Type



PL-540 Denture Box (Large, Medium, Small)  
PL-018E Set of Dis. Mouth Mirror, Explorer & Forceps (Either Combination is available)



PL-045A/B Golden Color Mesh (Strengthen)  
PL-502 Disposable Dappen Dishes  
PL-503 Ultraviolet Lens with Side Shield (Orange/Clear)  
PL-504 Endo Ruler  
PL-522 Matrix Band, Universal  
No.034 Mouth Mirror Plain No.4  
PL-522A Matrix Band, MOD  
No.043B Mirror Holder



PL-017 Paper Mask, Cone Type  
PL-019 Face Mask, Back Tie Type  
PL-020 Face Mask, Earloop Type  
PL-020B Surgical Mask with Anti-Fog Shield  
PL-021 Paper Mask, Earloop Type  
PL-021A Bouffant Cap



PL-029A Disposable Surgical Aspirating Tips  
PL-075A Rubber Dam Frame, Plastic  
PL-075B Rubber Dam Frame, Round, Plastic  
PL-079 Crown Seater, Plastic  
PL-102 Air Polishing Powder (130g/bottle)



No.032A, B, C Spittoon Bowl Filter



PL-508 Endo Stop Dispenser (200pcs/box)  
No.210 Ceiviron, Temporary Filling Material



Oral Care Products  
PL-512A Interdental Brush (S, Cylindrical)  
PL-512B Interdental Brush (SS, Fine Cylindrical)  
PL-512C Interdental Brush (SSS, Extra Fine Cylindrical)  
PL-515 Pointed Head Toothbrush  
No.021 Dental Floss Pick  
No.021A Dental Floss (Original/Mint)

Prophy Brush Prophy Cup

|  |  |  |
|--|--|--|
| <p>PL-024 Prophy Brush, Latch Type</p>                              | <p>PL-024A Prophy Brush, Pointed Head, Latch Type</p>           | <p>PL-024B Prophy Brush, Large Head, Latch Type</p>             |
| <p>PL-024C Prophy Brush, Large Pointed Head, Latch Type</p>         | <p>PL-024E Prophy Brush, Screw Type</p>                         | <p>PL-024F Prophy Brush, Pointed Head, Screw Type</p>           |
| <p>PL-022 Prophy Rubber Cup, Ribbed &amp; Webbed, Screw Type</p>    | <p>PL-022A Prophy Rubber Cup, Webbed, Screw Type</p>            | <p>PL-022B Prophy Rubber Cup, Ribbed, Screw Type</p>            |
| <p>PL-022E Prophy Rubber Cup, Ribbed &amp; Webbed, Snap-on</p>     | <p>PL-022F Prophy Rubber Cup, Webbed, Snap-on</p>              | <p>PL-022G Prophy Rubber Cup, Ribbed, Snap-on</p>              |
| <p>PL-023 Prophy Rubber Cup, Ribbed &amp; Webbed, Latch Type</p>  | <p>PL-023A Prophy Rubber Cup, Webbed, Latch Type</p>          | <p>PL-023B Prophy Rubber Cup, Ribbed, Latch Type</p>          |
| <p>PL-023C Prophy Rubber Cup, Webbed With Washer, Latch Type</p>  | <p>PL-022C Prophy Rubber Cup, Umbrella Shape, Screw Type</p>  | <p>PL-023D Prophy Rubber Cup, Umbrella Shape, Latch Type</p>  |

Above Prophy Cup Products are always available in Firm White. Other colors, such as Dark Gray, Blue, Green and Yellow are available upon customers request.

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Silicone Point & Abrasive Stone

No.030A Metal Polishing Series

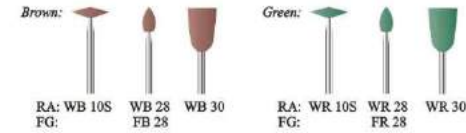
(For polishing and finishing of gold, other precious and semi-precious alloy)  
(Brown points for finishing and polishing, Green or Blue points for polishing and super-polishing) (All available in HP shank)  
5, 10, 11, 13, 13S, 28, 53, 114, 125



No.030B Amalgam Polishing Series

(For quick polishing amalgam restorations)  
(Available in Brown, Green, Blue and RA/FG shank)

10S (Knife), 28 (Mini.Point), 30 (Cup)



No.030C Porcelain Adjustment Series

(For making chairside adjustment of porcelain restoration & polishing adjusted surface to a glaze-like finish) (Available in HP shank)

10, 11 (Wheel), 13



No.030D Porcelain & Composite Polishing Series

(For polishing composite material and porcelain adjusted surface to a glaze-like finish) (Available in RA/FG shank)

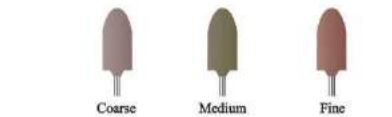
10S (Knife), 28 (Mini. Point), 30 (Cup)



No.030E Acrylic Polishing Series

(For adjusting & polishing of acrylic materials)  
(Available in HP shank)

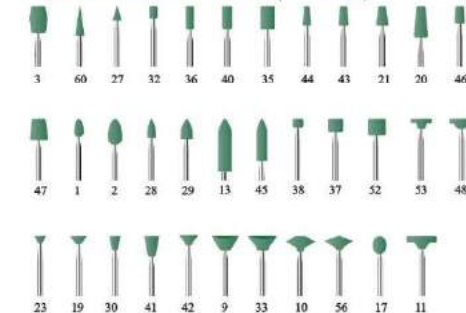
125 (Coarse, Medium, Fine)



PL-046A/C Green Stone (RA/FG), PL-046B/D White Stone Finishing (RA/FG)

| Shape     | Green RA | Green FG | White RA | White FG | Green RA | Green FG | White RA | White FG |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| White, RA | WW1      | WW2      | WW3      | WW4      | WW5      | WW6      | WW7      | WW8      |
| White, FG | FG1      | FG2      | FG3      | FG4      | FG5      | FG6      | FG7      | FG8      |
| Green, RA | WG1      | WG2      | WG3      | WG4      | WG5      | WG6      | WG7      | WG8      |
| Green, FG | FR1      | FR2      | FR3      | FR4      | FR5      | FR6      | FR7      | FR8      |

PL-046 Green Mounted Stone (HP shank)



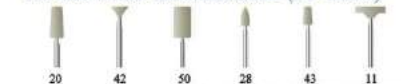
PL-046 Pink Mounted Stone (HP shank)



PL-046 Brown Mounted Stone (HP shank)



PL-046 White Mounted Stone (HP shank)



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Dental Equipment



No.051 Impulse Sani-Sealer  
(Max. Seal Length: 8 in. Seal Width: 10mm)  
No.051A Sani Roll Stand  
No.051B Sani Sealer Working Plate



No.810 Glow's Water Distiller  
(Zinc Coated Steel Shell)  
No.810S Glow's Water Distiller  
(Stainless Steel Shell)



PL-033 Vibrator, Small type  
No.007 Vibrator, Large type



No.031 Glow's II Amalgamator  
Glow's Mix 2100  
(Speed: 4000, 4400, 4800 rpm.  
Time: 0 to 30 seconds.)



No.013 Super Dental Furnace  
No.013A Automatic temperature control  
1 Ring: chamber dimensions: W-100m/D-100mm/H-100mm  
No.013B 2 Ring: chamber dimensions: W-190m/D-100mm/H-100mm  
No.013C 4 Ring: chamber dimensions: W-190m/D-200mm/H-100mm



PL-032 Dental Plaster Model Trimmer  
(1/2 HP, 1720 rpm, Dia.  
Of Cutting Disc: 10" )



PL-040A U.V. Cabinet with 36 pcs S.S. Tray  
PL-040B U.V. Cabinet with 18 pcs S.S. Tray



PL-047 LS-1 Autoclave  
(Standard Accessories: 3 pcs S.S.  
Tray, 1 pc Tray Handle)

Dental Supplies



Dental Mobile Cart



PL-015 Glass Bead Heater



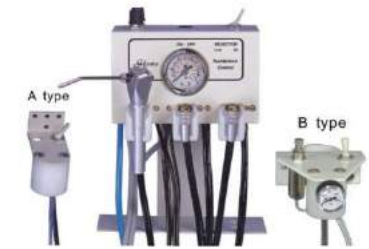
PL-016 Micro Torch



No.008 Study Model with Brush



PL-001A NSK Hi-Clean Spray Lubricant Oil ( 550ml)  
PL-001B Glow's Fast Spray Lubricant Oil (125ml)



PL-301 Two Handpiece Mini Manual Control



PL-095A Prophy 600 Pen Type Air Polishing Unit  
PL-095C Prophy 300 Air Polishing Unit  
PL-102 Air Polishing Powder



PL-145 Root Apex Locator

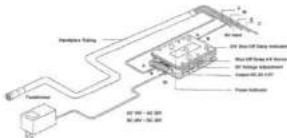


No.047 Dental Unit Post Mounted  
LCD Monitor Mount & Arm  
Fit to 2 inch dental unit post  
PL-555 Dental Post Mounted Tray Table

Dental Unit Component Parts



PL-334 Automatic Handpiece Block Assembly for 3 Handpiece (Brass body)



PL-325 Light Pack for Fiber Optic Handpiece  
 \*For use of 2 fiber optic handpieces  
 \*Stable power supply for longer lasting of handpiece bulb



PL-344 Saliva Ejector Lever Valve  
 \*Anodized aluminum body  
 \*Disposable plastic screen  
 \*Quick disconnect 360°-swivel  
 \*Fits 3/16" ID tubing  
 \*Disassemble without tools for cleaning  
 \*Snap-on gray rubber tip



PL-345 Autoclavable Saliva Ejector Lever Valve  
 \*Anodized aluminum body  
 \*Quick disconnect 360°-swivel  
 \*Fits 3/16" ID tubing  
 \*Disassemble without tools for cleaning



PL-346 Autoclavable Vacuum Valve  
 \*Anodized aluminum body  
 \*Quick disconnect 360°-swivel  
 \*Fits 1/2" ID vacuum tubing  
 \*Disassemble without tools for cleaning  
 \*Used with standard holder  
 \*Used with Belmont Holder is also available upon request



PL-355 Vacuum Canister, Bracket-Mount Kit  
 \*Solids collector with removable screen  
 \*Accept 2 HVE tubing 1/2" I.D.  
 \*Accept 1 SE tubing 3/16" I.D.  
 \*1/2" O.D. drain



PL-304 Self-Contained Water System  
 \*Water pressure is adjustable by regulator  
 \*600ml/1000ml heavy duty bottle option  
 \*Standard 28mm thread for water bottle  
 \*2" diameter post mount bracket



PL-305 Self-Contained Water System, with pressure gauge  
 \*Water pressure is adjustable by regulator  
 \*600ml/1000ml heavy duty bottle option  
 \*Standard 28mm thread for water bottle  
 \*2" diameter post mount bracket



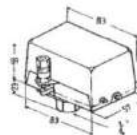
PL-307 Water Bottle, 600ml  
 PL-308 Water Bottle, 1000ml  
 \*Heavy wall construction, safely operated at normal water system pressure



PL-337 Standard Disc Type Foot Control  
 \*High volume, variable flow  
 \*Stainless Steel durable cover



PL-321 Water Heater for Dental Unit  
 \*Adjustable temperature control  
 \*Recommended mounting in upright position



PL-051 Pressure Switch for Air Compressor  
 \*Pressure switch preset to start at 65 psi and stop at 100 psi



PL-344A Saliva Ejector Rubber Tip  
 \*Light gray  
 \*Snap onto saliva ejector valve  
 \*Autoclavable



PL-344B Saliva Ejector Replacement Screen  
 \*Plastic, disposable



PL-002B Solenoid Valve for Air, Water, and Automatic Cup Filler, Model PW-1  
 \*AC 24V, 30V, 115V, 230V, DC 24V



PL-002A Hydraulic Motor Pump  
 \*Model 5L: 65kg/cm<sup>2</sup>, 0.7/0.55l/min  
 \*Model 7.5L: 60kg/cm<sup>2</sup>, 1.1/0.9l/min  
 \*Model 10L: 50kg/cm<sup>2</sup>, 1.4/1.2l/min



PL-002B Mini. Solenoid Valve Unit, Model PR-2  
 \*AC 24V, 30V, 115V, 230V, DC 24V



PL-002B Mini. Solenoid Valve Unit, Model PR-3  
 \*AC 24V, 30V, 115V, 230V, DC 24V

Dental Unit Component Parts



PL-327 Toggle On-Off Valve  
 \*Positive on-off control  
 \*Panel-Mounting 15/32-32 hex nuts  
 \*3-way for air  
 \*Gray color



PL-327A Toggle On-Off Valve  
 \*Positive on-off control  
 \*Panel-Mounting 15/32-32 hex nuts  
 \*2-way for air or water  
 \*Gray color



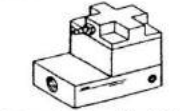
PL-327C Toggle Momentary On-Off Valve  
 \*Positive on-off control  
 \*Panel-Mounting 15/32-32 hex nuts  
 \*2-way for air or water  
 \*Gray color



PL-328 Toggle Routing Valve  
 \*2-way routing, 1 input, 2 output  
 \*Panel-Mounting 15/32-32 hex nuts  
 \*For air or water  
 \*Gray color



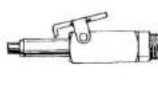
PL-329 Flow Control Needle Valve  
 \*Flow control adjustment for air or water  
 \*Panel-Mounting 15/32-32 hex nuts



PL-342 Junction Box Shut-Off Valve  
 \*Air Activated  
 \*For air or water



PL-301-20 Water Regulator



PL-347A 1/4" Male Q.D. with Shut-Off  
 \*For use with air or water



PL-323C Mini Air Regulator



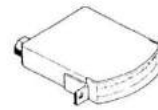
PL-348A 1/4" Female Q.D. Coupler with Shut-Off



PL-360 Air Actuated Switch  
 \*On/Off control up to 3A, 120V  
 \*Normally Open



PL-361 Air Actuated Switch  
 \*On/Off control up to 3A, 120V  
 \*Normally Close



No.047A Rectangular Gauge  
 \*0-60 psi (0-4 kg)  
 \*10-32 port



No.047B Panel Mount Round Gauge  
 \*0-150 psi (0-10 kg)  
 \*1/8" MPT thread



No.047C Round Gauge  
 \*0-150 psi (0-10 kg)  
 \*1/8" MPT thread



No.047D Mini Size Round Gauge  
 \*Diameter 1 in.  
 \*0-150 psi (0-10 kg)  
 \*1/8" MPT thread



PL-350A 1/16" Barb Connector  
 \*For 1/8" OD tubing  
 \*10-32 male thread



PL-350B 1/8" Barb Connector  
 \*For 1/4" OD tubing  
 \*10-32 male thread



PL-350C 1/4" Hex Plug  
 \*10-32 male thread



PL-350D Plastic Washer  
 \*For 10-32 fittings



PL-350E Female Tee  
 \*10-32 female thread

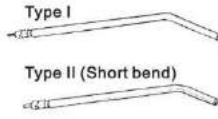
Dental Mandrel, Light Bulb



PL-323A Air Regulator  
PL-323B Air Regulator with Filter  
1/8" pipe port



No.039 Automatic Cup Filler  
\*Mechanical design for long lasting use



PL-010C Tip for Triple Syringe

Mandrel



No. 028A Mandrel, Nickel plated,  
HP Shank  
No. 028B Mandrel, Stainless Steel,  
HP Shank



No. 028C Mandrel, Stainless Steel,  
RA Shank



No. 028D Mandrel, Large Head,  
Stainless Steel, HP Shank



No. 028F Mandrel, Snap-On Stainless  
Steel, RA Shank  
\*For Moore Brass center discs.

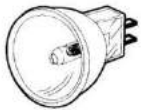


No. 028G Spiral Mandrel  
\*With Hex Nut



No. 028H Mandrel, Pop-On  
Stainless Steel, RA Shank  
\*Fit for 3M Sof-Lex Disc.

Light Bulb for Curing Light



PL-110-C Light Bulb for Prolux 570  
Curing Light (Philips)  
\*12V 75W (#13865)  
\*Fit to most brand curing light



PL-114 Light Bulb for Curing Light  
(Philips)  
\*14V 35W (#13165)  
\*Other Specification of Philips brand  
light bulb is available



PL-114A Light Bulb for Curing Light  
(Philips)  
\*10V 52W (#13298)  
\*Other Specification of Philips brand  
light bulb is available

Dental Light Head and Spare Parts



No.057E Dental Light Head  
\* Support frame made of casting  
aluminum



No.057R Bulb for Glows 057 Light  
\*12V 55W



No.057T Protective Shield for Glows  
057 Light



No.077R Bulb for Glows 077 Light  
\*12V 50W



No.077T Protective Shield for Glows  
077 Light

Variety of Tubings for Dental Use



No. 040 2 Holes Syringe Tubing  
\*Light gray, Black  
\*Coiled (PL-042A)



No. 040-1 2 Holes Syringe Tubing,  
asepsis type  
\*Light gray  
\*Coiled (PL-042A-1)



No. 040A 2 Holes Handpiece Tubing  
\*Light gray, Black  
\*Coiled (PL-042B)



No. 040B 3 Holes Handpiece Tubing  
\*Light gray, Black  
\*Coiled (PL-042C)



No. 040B-1 3 Holes Handpiece Tubing  
asepsis type  
\*Light gray  
\*Coiled (PL-042C-1)



No. 040C 4 Holes Handpiece Tubing  
\*Light gray  
\*Coiled (PL-042D)



No. 040D 1/8" OD P.U. Tubing  
No. 040E 1/4" OD P.U. Tubing  
No. 040F 3/8" OD P.U. Tubing  
\*Clear, Blue, etc.



No. 040G 2 Holes Foot Control Tubing  
\*Light gray



No. 040H 4.3mm x 2.8mm P.U. Tubing  
\*Yellow, Blue  
\*200m/roll



No. 040K 2.4mm x 1.2mm P.U. Tubing  
\*Yellow, Blue  
\*400m/roll



No. 042A 1/8" OD PU Tubing  
No. 042B 1/4" OD PU Tubing  
\*Black, Blue, Gray, Yellow, Red



No. 041 Silicone Sleeve, 11mm x 9mm  
\*Light gray  
\*Custom required Dia. is available



PL-043A Saliva Ejector Tubing  
\*3/16" ID  
\*Light gray



PL-044A Air Suction Tubing  
\*9/32" ID  
\*Light gray



PL-044B Vacuum Suction Tubing  
\*7/16" ID  
\*Light gray



PL-044C Vacuum Suction Tubing  
\*15.5 m/m ID, Light Gray  
\*Fit to Belmont Vacuum System

Coiled Tubing (Gray/Black)  
PL-042A 2 Holes Syringe Tubing  
PL-042A-1 2 Holes Syringe Tubing, asepsis type  
PL-042B Borden 2 Holes Handpiece Tubing  
PL-042C Borden 3 Holes Handpiece Tubing  
PL-042C-1 Borden 3 Holes Handpiece Tubing,  
asepsis type  
PL-042D Midwest 4 Holes Handpiece Tubing



PL-042A Coiled Tubing 2 Holes for  
Syringe (Gray/Black)



PL-042B Coiled Tubing for Borden  
2 Holes Handpiece (Gray/Black)



PL-042C Coiled Tubing for Borden  
3 Holes Handpiece (Gray/Black)



PL-042D Coiled Tubing for Midwest  
4 Holes Handpiece (Gray)