

FIBERED DENTURE BASE RESIN

Shade: #1 Light Pink; #2 Pink; #3 Dark Pink
It is an acrylic resin copolymer containing fibers coated with pigment. The denture bases constructed from this material have a veined appearance that looks more lifelike.



Ref.	Description	Bottles / Case
1C0250	1#, 100 g	40
1C0249	2#, 100 g	40
1C0248	3#, 100 g	40

DENTURE BASE RESIN, TYPE I

Made of acrylic resin, is used for making artificial denture bases
Shade: #1 Light Pink; #2 Pink; #3 Dark Pink



Ref.	Description	Bottles / Case
1C0251	100 g powder	100

TOOTH ACRYLIC

Made of acrylic resin, is mainly used to manufacture artificial teeth.
Shade: #0 transparent; No. #1-#3 light yellow, deepening gradationally in ascending order.



Ref.	Description	Bottles / Case
1C0258	100 g	100

SELF-CURING TOOTH ACRYLIC

Shade natural No.1, 2, 3
This is an acrylic resin copolymerized at room temperature and suitable for making artificial teeth, crowns and bridges, and repairing tooth surface.

Ref.	Description	Bottles / Case
1C0260	100 g	40



DENTURE BASE RESIN, TYPE II

It is self-curing acrylic resin copolymerized at room temperature suitable for making and repairing various artificial denture bases.

Shade: #1 Light Pink; #2 Pink; #3 Dark Pink

Ref.	Description	Bottles / Case
1C0254	100 g powder	100
1C0255	500 g powder	30
1C0256	100 ml liquid	40



TEMPORARY STOPPINGS



Used for the temporary filling of carious cavity and adhere well to the cavity wall. They possess fairly good adhesion and plasticity after softening.

Ref.	Description	Boxes / Case
1C0259	100 g / box	100

MODELLING COMPOSITION

This composition is used for taking ordinary dental impressions and making individual impression tray, and available in two colors, white one has a softer consistency than the red.



Ref.	Description	Boxes / Case
1C0261	Red, 225 g	50
1C0262	White, 225 g	50

ALGINATE IMPRESSIONS



This product can be used for repairing the dentition defect or loss, and taking the orthodontic impression.

Ref.	Description	Buckets / Case
1C0263	1200 g	12

INLAY WAX



This product, model material is used for restoration of casting denture, and is suitable for making wax pattern of dental metal inlay.

Ref.	Description	Boxes / Case
1C0267	100 g	40

SHEET WAX



This product is suitable for making wax patterns for thin castings. It is free from impurities and leaves no residues after burnt out in the casting ring. The wax patterns produced are stable in size and convenient for use.
Packing: 30 pcs / box

Ref.	Description	Ref.	Description
1C0276	0.50 mm	1C0279	0.35 mm
1C0278	0.40 mm	1C0280	0.30 mm

Imptec 3D HIGH-PRECISE ALGINATE IMPRESSION MATRIAL



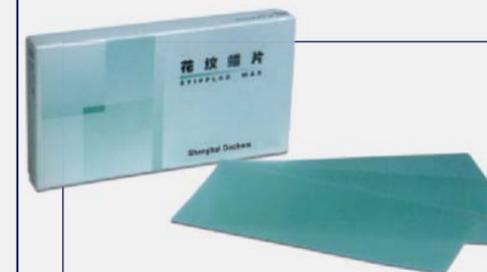
- Excellent flexibility, compressive and elastic modulus
- Its recovery from deformation can reach over 98%
- Good hydrophilia, achieve full-detailed and high-precise finish

SPECIFICATION:

- Self life: 36 months
- Ratio: powder(10g): water(25ml)
- Mixing time: 40 – 45s
- Working time: 90s
- Setting time at 23 – 27°C: 120s (or upon your request)

Ref.	Description
1C0565-454	454 g / pouch
1C0565-500	500 g / pouch
1C0565-1000	1 kg / pouch
1C0567	1 kg / bottle
1C0568	20 kg / barrel

STIPPLED WAX



This product is suitable for making casting upper palate and possesses the characteristics of fine and lifelike stipples, softer and easy labeling.
Packing: 20 pcs / box

Ref.	Description
1C0271	0.30 mm
1C0272	0.35 mm
1C0273	0.40 mm
1C0274	0.45 mm
1C0275	0.50 mm

BASE PLATE WAX

This product is used as a wax pattern for making denture bases and bite rims. It is available in two shades: the red one being for use in ordinary climate, while the pink one for tropical use.
Red: 38-40°C, Pink: 46-49°C



Ref.	Description
1C0281	Red, ordinary 240 g
1C0282	Pink, tropical 240 g
1C0283	170x95x2 mm (480 g)



WAX FOR CROWN & BRIDGE



With good plasticity, it is very easy to sculpture and cut, and suitable for making wax pattern of crown & bridge.

Ref.	Description	Ref.	Description
1C0284	80 g, hard	1C0285	80 g, soft

DIPPING WAX

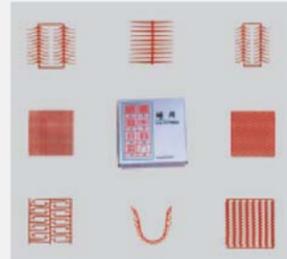


With homogeneous thickness, good elasticity and stable form, is suitable for making wax cap.

Ref.	Description
1C0286	80 g

WAX PATTERNS

With good plasticity, is suitable for making wax patterns for castings and casting various metal prostheses. The wax patterns produced are stable in size and convenient for use.



Ref.	Description	Ref.	Description
1C0287	10 x 1, #1	1C0291	10 x 1, #5
1C0288	10 x 1, #2	1C0292	10 x 1, #6
1C0289	10 x 1, #3	1C0293	10 x 1, #7
1C0290	10 x 1, #4	1C0294	10 x 1, #8

DENTAL STONE / SUPER-HARD STONE

Dental Stone with a small amount of certain additive and easy operation, is an ideal economic and good quality. Super-hard Stone with high compressive strength and Low expansion coefficient, can be poured into models of all kinds of metal casting, ceramic and partial denture.

Ref.	Description	Ref.	Description
1C0301	Dental stone, 1 kg	1C0302	Super-hard stone, 1 kg



CASTING WAX WIRE



With good plasticity, is suitable for making wax patterns and casting various prostheses. This wax is with low tension and smooth in texture.

Ref.	Description (mm)
1C0295	Round (0.8, 1.0, 1.2, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 5.0)
1C0296	Half round (2.0x1.0, 2.4x1.2, 3.0x1.3, 3.8x1.5, 4.0x1.7)
1C0297	Lingual bar 4.0x2.0
1C0298	Casting frame bar 8.0x1.8

MATRIX BAND



This matrix band is made of stainless steel. When filling Class II cavities, it is used to separate the cavity surface from its proximal tooth and to prevent overflowing of the filling material.

Ref.	Description	Bands / Bag
1C0264	Large, for premolars	20
1C0265	Medium, for premolars	20
1C0266	Small, for deciduous	20

EUGENOL

This product is indicated for immediate relief from pain caused by deep cavity, pulpitis, etc., when mixed with zinc oxide, it can be used as a cavity base or lining.



Ref.	Description	Bottles / case
1C0330	20 ml / bottle	10

GLASS IONOMER CEMENT

This product can be used for the cementation of crowns fixed partial, inlays and the restorative filling of class III & IV, and is highly biocompatible and good in marginal seal Available in 3 shades: 1-3 from light to dark.

Ref.	Description
1C0332	20 g powder / bottle
1C0333	15 ml liquid / bottle
1C0334	3 bottles powder + 3 bottles liquid / set

EUGENOL CEMENT

Made of eugenol oil and zinc oxide, used for the temporary sealing of carious cavity and cementation of fixed partial. Fairly rapid setting, giving a sedative effect to the pulp with minimum irritation.



Ref.	Description
1C0331	2 bottles powder (10 g / each) + 1 bottle liquid (6 ml) / box

ZINC POLY-CARBOXYLATE CEMENT

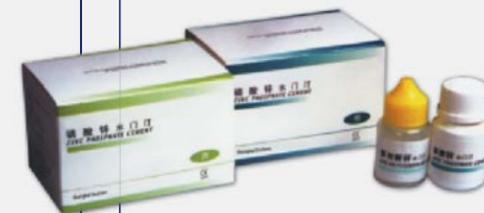
This product, good in adhesion and minimum in irritation, is used for the cementation of enamel, metal-enamel, orthodontic accessories, crowns, fixed partial and inlays, and the restoration of milk tooth carious cavity.



Ref.	Description
1C0335	Powder 30 g / bottle + Liquid 15 ml / bottle

ZINC-PHOSPHATE CEMENT

Its characteristics is temporary sealing, filling and good compressive strength, used in temporary blocking and filling of the cavities.



Ref.	Description
1C0339	30 g powder / bottle
1C0340	15 ml liquid / bottle

COBALT-CHROMIUM ALLOY (HARD)

Made of cobalt, chromium, nickel and molybdenum melted in high vacuum. It possesses the properties of easy flowing and formation when cast. Its casting surface appears smooth And bright after polished. It can be used for casting clasp, lingual bar, one-piece cast, etc.

Ref.	Description
1C0303	Hard, 1000 g / box



NICKEL - BASED CASTING ALLOY

Made of nickel, chromium, copper and etc., in high vacuum technique, easy to be ground and polished with its appropriate strength and hardness, can be used for making crowns, bridges.

Ref.	Description	Boxes / Case
1C0305	1000 g / box	40



GOLD COLORED CASTING ALLOY

This product non-precious, medium fusing and good flow casting alloy, and suitable for use in construction of inlays, crowns and bridges, etc. It can be used as precious gold alloy.

Ref.	Description	Boxes / Case
1C0306	500 g / box	20



AMALGAM ALLOY

Ref.	Description	Ref.	Description
1C0320	Ag-69 10 g	1C0322	Ag-43 25 g
1C0321	Ag-69 25 g		

It is copper-silver alloy powder and a lathe-cut alloy to adapt well to the cavity walls when amalgamated with mercury. No micro-leakage will occur between the cavity walls and restoration. The restorations made of this alloy have high strength and durable use life. It is available in high silver alloy (69% of silver) and low silver alloy(43% of silver) at the ratio of copper /silver.



SILVER ALLOY CAPSULES

Ref.	Description	Ref.	Description
1C0323	Ag-43 0.2 g / capsule	1C0327	Ag-69 0.4 g / capsule
1C0324	Ag-43 0.4 g / capsule	1C0328	Ag-69 0.6 g / capsule
1C0325	Ag-43 0.6 g / capsule	1C0329	Ag-69 0.8 g / capsule
1C0326	Ag-43 0.8 g / capsule		

This product is packed in capsules, it is convenient for operation. Any leakage of mercury will not happen owing to the specific structure of the capsule. It is easier and safer for clinical use. It is available in high silver alloy (69% of silver) and low silver alloy (43% of silver) at the ratio of copper / silver.



EQUIPMENT CURING LIGHT



FIBER OPTICS

Ref.	Description
1F0046	Dia.8
1F0047	Dia.9
1F0048	Dia.10
1F0049	Dia.11
1F0050	Dia.12

Other size is also available upon request



RADIO METER

- Economic design, applicable to most of curing light
- 24 pcs / ctn

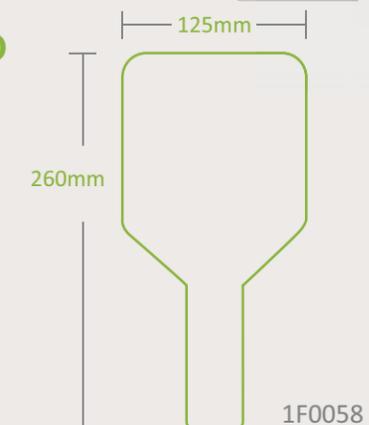


new!



HAND-HELD ORANGE SHIELD

- Protect dentist and assistant simultaneously from harmful UV and blue light
- Eliminates need for multiple pairs of bonding glasses
- Can be held by patient, assistant or free hand operator
- Cold disinfect only



1F0058

ELITE LED CURING LIGHT (CORDLESS, ECONOMIC TYPE)

FEATURE:

- Battery and direct-current power continuous supply, no trouble of power-off
- 3 adjustable working modes: Fast; Pulse; Soft start

TECHNICAL DATA:

- Working voltage: AC 100 - 250V, 50 - 60 Hz
- Input voltage: DC 5V
- Wavelength range: 430 - 480 nm
- Light intensity: 1,250mW / cm² ± 10%
- Power supply: lithium-ion battery
- 60 minutes cure time from new fully-charged battery (approx. 360 x 10-sec. cures)
- Recharging drained battery: approx. 120 minutes

Ref.	Description	Pcs / Ctn
1F0001-SI	Elite LED Curing Light (cordless), Silver	20
1F0001-BK	Elite LED Curing Light (cordless), Black	20
1F0001-TI	Elite LED Curing Light (cordless), Titanium	20
1F001-B	Re-chargeable battery for LED curing light	



The 8mm light guide rotates 360° for easy alignment of light tip restoration.



1F0001-BK 1F0001-SI

XLITE LED CURING LIGHT (CORDLESS)

FEATURE:

- Especially suitable for orthodontic bracket bonding and aesthetics repair material, can activate all kinds of adhesive and repair materials instantly
- 2 kinds of curing mode: Full power mode, Ramping mode
- Time: 15s, 20s, warning tone will alarm per 5s

TECHNICAL DATA:

- Wavelength range: 385 - 515 nm
- Light intensity: more than 1,600 mW / cm²
- Length: 217 mm
- Weight: 95 g
- Input voltage: 100 - 240V, 50-60Hz
- Output voltage: 5V DC - 1.5A
- Time to charge: Max 5 hours

Ref.	Color
1F0053-W	White
1F0053-B	Black
1F0053-P	Pink

1F0053



1F0009 1F0008

ColorMAN LED CURING LIGHT

ABS WITH ALUMINUM - OXIDE COATED

Ref.	Color
1F0009-BK	Black
1F0009-SI	Silver
1F0009-BL	Blue
1F0009-OR	Orange
1F0009-YE	Yellow

FEATURE:

- High articulation optical fiber
- Automatic standby and shutdown
- Solidify all brands of composite resins
- Low battery alert
- Large-capacity lithium battery

IronMAN LED CURING LIGHT

METAL HANDPIECE WITH ALUMINUM - OXIDE COATED

Ref.	Color
1F0008-BK	Black
1F0008-SI	Silver
1F0008-BL	Blue
1F0008-OR	Orange
1F0008-YE	Yellow

TECHNICAL DATA:

- Battery Capacity: 2,200 mA / h, 3.7 v
- Big power: 5 w
- Working Voltage: AC100 - 240V, 50 - 60HZ
- Wavelength: 420 - 480 nm
- Light power: more than 1,600 mW / cm²
- Solidification time and depth: 5 s, 3 mm

SMURFS LED CURING LIGHT (PLUG-IN POWER & BATTERY POWER)

FEATURE:

- Working time and reverse time setting
- Working modes: strong / gradually strong / flash
- High articulation optical fiber
- Automatic standby and shutdown
- Solidify all brands of composite resins
- Low battery alert

TECHNICAL DATA:

- Big power: 5 w
- Working Voltage: AC100 - 240V, 50 - 60HZ
- Wavelength: 420-480 nm
- Light power: more than 1,400 mW / cm²



1F0016

MUSE LED CURING LIGHT (PLUG-IN POWER & BATTERY POWER)

FEATURE:

- Working modes: strong/gradually strong/flash
- High articulation optical fiber
- Automatic standby and shutdown
- Solidify all brands of composite resins
- Low battery alert

TECHNICAL DATA:

- Big power: 5 w
- Working Voltage: AC100 - 240V, 50 - 60HZ
- Wavelength: 420-480 nm
- Light power: more than 1,600 mW/cm²
- Solidification time and depth: 5s, 3mm

Battery 1400mA / h, 12mm fiber optics, power > 1600mW / cm²



1F0017

MULTI-LITE LED CURING LIGHT (DUAL LIGHTS DESIGN, CORDLESS, BUILT-IN RADIOMETER)

FEATURE:

- Built-in radiometer function
- High articulation optical fiber
- Automatic standby and shutdown
- Time modes: 5s - 40s
- Solidify all brands of composite resins
- Low battery alert

TECHNICAL DATA:

- Big power: 5 w
- Working Voltage: AC100 - 240V, 50 - 60HZ
- Wavelength: 420 - 480 nm
- Light power: more than 1,600 mW / cm²
- Solidification time and depth: 5s, 3mm

Ref.	Color
1F0055-BL	Black
1F0055-B	Blue
1F0055-P	Pink



1F0055



DELTA BROAD SPECTRAL LED CURING LIGHT (CORDLESS)

FEATURE:

- Achieve high performance cure easily on any kind of composite resin materials
- Magnalium alloy casing, improving heat dispersion than traditional steel case
- Ergonomic design, bring much comfortable for both male or female dentist
- Base charging or bottom of handpiece charging

TECHNICAL DATA:

- Wavelength range: 385 - 515 nm
- Light intensity: 1,100 mW / cm² ± 10%
- Power supply: Lithium polymer battery;
- Operating voltage: AC 100 - 240V, 50 - 60Hz

Ref.	Color
1F0054-W	White
1F0054-B	Black

1F0054



ELIGHT - X LED CURING LIGHT

FEATURE AND TECHNICAL DATA:

- Cordless operation, battery is easy for changing.
- Higher light intensity, wavelength of 385-515nm
- Apply to any kind of composite resin materials
- Light intensity 1,000 mW / cm² ± 10%
- Four working modes: full, ramping, pulse, continues mode.
- Time setting: 5s, 10s, 15s, 20s, 120s
- The latest generation of control circuit constant light intensity output
- Large capacity of Li-ion battery(2,300 mAh)
- Very low standby power consumption, standby time can be up to 6 month

1F0052





1F0003

XTECH LED CURING LIGHT (CORDLESS)

FEATURE:

- Polymerization with more than 2,000 mW / cm²
- Lithium-ion battery recharge takes 120 min, and allows up to 320 cycles without charging
- Built-in radiometer can detect power output
- 6 operating modes:
Turbo mode; Pulse mode; Ramping mode;
Normal model; High mode; Whitening model

TECHNICAL DATA:

- Power supply: AC 100 - 240V, 50 - 60Hz
- Handpiece light source: super 5W LED
- Wavelength: 430 - 480 nm with peak at 460 nm
- Light intensity: Ø8mm light guide, transparent >2,000 mW / cm²
- Fiberglass light guide: Ø 8 mm, transparent / black can be sterilized at 135°C
- Battery capacity (cure time): approx. 45 minutes

Ref.	Description	Pcs / Ctn
1F0003	Xtech LED Curing Light	10
1F0003-BT	Chargeble battery for Xtech LED curing light	

WIRELESS CHARGING LED CURING LIGHT

FEATURE:

- Inductive charging
- Solidify all brands of composite resins
- High articulation optical fiber
- Automatic standby / shut down within 20 s
- Low battery alert

TECHNICAL DATA:

- Working Voltage: AC100 - 240V, 50 - 60HZ
- Wavelength: 420 - 480 nm
- Times modes: 5s - 40s
- Light power: more than 1,600 mW / cm²
- Solidification time and depth: 5s, 3 mm
- Battery Capacity: 2,200 mA / h



1F0007

SMARTLITE LED CURING LIGHT (INDUCTION CHARGING, BUILT-IN RADIOMETER)

FEATURE:

- Inductive charging
- Built-in radiometer function
- High articulation optical fiber
- Automatic standby and shutdown
- Time modes: 5 s - 40 s
- Solidify all brands of composite resins
- Low battery alert

TECHNICAL DATA:

- Big power: 5 w
- Working Voltage: AC100 - 240V, 50 - 60HZ
- Wavelength: 420 - 480 nm
- Light power: more than 1,600 mW / cm²
- Solidification time and depth: 5s, 3 mm



1F0056

POLITE TWO IN ONE LED CURING LIGHT (CORDLESS)

FEATURE:

- Faster cure, constant light stream
- Minimal heat buildup
- Variable cure mode
- Angulated light guides
- Cordless portability
- Audible signal

TECHNICAL DATA:

- Working voltage: AC 100 - 250V, 50 - 60Hz
- Input voltage: DC 5V
- Light wavelength range: 430 - 480 nm
- Light intensity: 1,600 mW / cm² ± 10 (independent of battery power level)
- Power supply: Lithium-ion battery
- 60 minutes cure time from new fully-charged battery (approx. 360 x 10 sec. cures)
- Recharging drained battery: approx. 120 minutes. Easy tool-free battery exchange



The 8mm light guide rotates 360° for easy alignment of light tip restoration.



1F0018

MINICURE PIEZO MINI ULTRASONIC SCALER



Ref. 1F0037

FEATURE:

- Compact size control unit
- Simple design and easy procedure selection control
- Allows simple installation into *All Dental Units*
- LED Optic lighting handpiece optional

TECHNICAL DATA:

- Power supply: AC 100 - 240V, 50 / 60 Hz
- Frequency: 26 - 35 K Hz
- Size: 80 (W) x 140 (D) x 32(H) (mm)

ELASA ULTRASONIC PIEZO SCALER

FEATURE:

- Single device to cover Periodontics, Endodontic and Scaling applications
- Multiple functions with simple, easy-to-use control
- Auto-cleaning mode
- Enables to use clinical solutions during the treatment
- Readily exchangeable solutions bottle
- Automatic memory function
- Designed for easy maintenance
- Aseptic control unit design
- Lightweight, compact and high performance handpiece
- Optic handpiece available
- An extensive tip range to offer a wide variety of applications



Ref. 1F0039

PIEZO ULTRASONIC SCALER (BUILT-IN TYPE)

FEATURE:

- Small size, high performance and versatility
- Optic or non-optic handpiece available
- Handpiece autoclavable up to 135°C
- Built-in automatic protection system
- Built-in feedback system assure power is accurate
- Easy integration into new and existing dental chair



Ref. 1F0034

TECHNICAL DATA:

- Power supply: AC 24V ± 10%, 50 - 60 Hz
- Power consumption: 30 W
- Equipment classification: Class II - BF Type
- Ultrasonic frequency range: 24 - 29 KHz

ULTRASONIC TIPS

SCALING

1F0073-1 Removal of supragingival and interdental calculus.



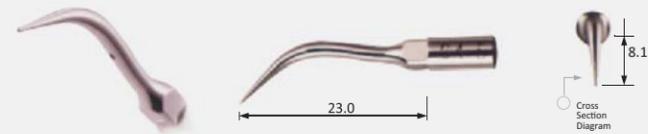
1F0073-2 Removal of heavy calculus and stains in the supragingival area.
*Place the flat-shaped head and move the tip.



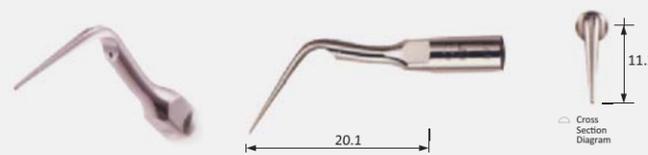
1F0073-3 Removal of heavy calculus and stains in the supragingival area and between teeth.
*Place the side of the tip at the lingual sides of anterior teeth and move the tip.
For other areas, place the roundshaped head and move the tip.



1F0073-4 The end of the tip is thin and for supragingival fine scaling and interdental scaling.
The round cross-section allows tooth surfaces to be finished without causing damage.



1F0073-5 Removal of calculus between molar teeth.



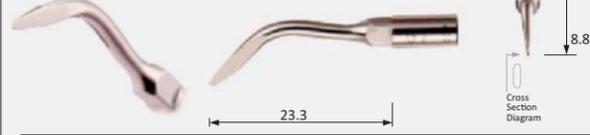
1F0073-6 Removal of supra and subgingival calculus. It provides easy access to interdental spaces and narrow pockets.



- EMS, WOODPECKER, MECTRON compatible.
- NSK, SATELEC compatible scaler tip available upon request.

SCALING

1F0073-7 The thick and flat tip is for removing supragingival interdental calculus.



1F0073-11 The tip is similar to a Gracey Curette scaler # 1 / 2 for scaling anterior and molar teeth.



1F0073-12 Removal of supragingival calculus.

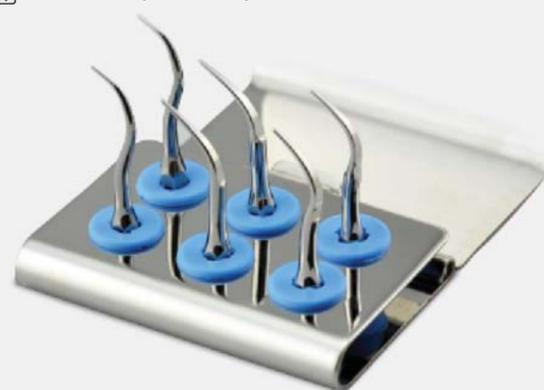


1F0073-13 Sickle Scaler type for removal of supragingival calculus. The diamond-shaped cross-section allows efficient scaling.



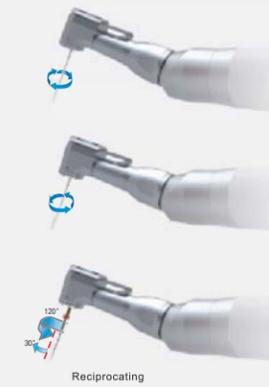
Cross section diagram is the image of a point 1 mm from the end.
The illustrated tip diagram is four times bigger than the actual size.
PIEZO Tips for NSK / Satelec / EMS / 3H / MECTRON, etc.

All PIEZO Tips are fully autoclavable.



Kits are available for most famous brands.

D-SMART Endodontic Treatment *mini*



Auto reverse function

The auto reverse function activates when the preset torque level has been exceeded and can be set to operate in the following modes



File rotates clockwise when torque disappears

When the torque comes up to the limit value that has been set, file rotates counter-clockwise automatically, and will rotate clockwise again when the torque disappears



One-file reciprocation

Counter-clockwise 120°, clockwise 30°, to promote efficiency and simplify of the operation

FEATURE:

- Wireless design, light handpiece for easy operation
- LCD screen display, keyboard operating
- Original European made surgical brushless motor
- Detachable 1:1 mini contra angle, multi-angle, autoclavable
- Speed and torque can be adjusted
- Automatically shut down after 3 minutes without any operation and memory the last executed program



TECHNICAL DATA:

- Adaptor working voltage: AC 110V 50 / 60HZ; AC 220V 50 / 60HZ
- Rechargeable Li-ion battery: 3.7 V, 1,400 mAh
- 5 settings for adjustable rotational speed, ranging from 125 to 500 R.P.M.
- Torque range: 0.7 -3.7 N.cm



Ref. 1F0560

D-SMART Endodontic Treatment

FEATURE:

- Wide LCD screen for easy identification
- Original Switzerland electro-motor
- Drive-1:1 contra angle
- Adjustable speed and torque
- Auto reverse to protect the file
- Large capacity Li-ion chargeable battery, work with battery or adaptor
- Auto shutdown and memory function

TECHNICAL DATA:

- Adaptor working voltage: AC 110V 50 / 60HZ; AC 220V 50 / 60HZ
- 5 settings for adjustable rotational speed, ranging from 125 to 625 R.P.M.
- Torque range: 0.3 -5.2 N.cm



Ref.: 1F0565



new!

DeePEX ENDO MOTOR TREATMENT

FEATURE:

- Large LCD display, water-proof panel
- 22 settings for adjustable rotational speed, ranging from 100 to 625 R.P.M.
- Drive - 1:1 contra angle available
- 9 groups of programming data can be saved
- Reverse automatically or manually

TECHNICAL DATA:

- Adaptor working voltage: AC 110V 50 / 60HZ; AC 220V 50 / 60HZ
- Rechargeable Li-ion battery: 3.7 V x 2 pieces
- Rotational speed, ranging from 100 to 625 R.P.M.
- Torque range: 0.6 -5.2 N.cm



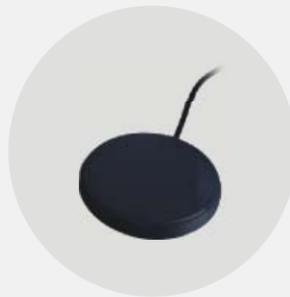
Ref. 1F0550



One Treatment Kit = Apex Locator + Endo Motor



Sterilizable Handpiece



Stable Foot Switch

DeePRO APEX LOCATOR

FEATURE:

- Large LCD display, water-proof panel
- Ensures proper determination of canal length

TECHNICAL DATA:

- Adaptor working voltage: AC 110V 50 / 60HZ; AC 220V 50 / 60HZ
- Rechargeable Li-ion battery: 3.7 V x 2 pieces

Ref. 1F0555



ULTRASONIC TIPS

ENDODONTICS

1F0074-4 Application for root canal cleaning and removal of foreign particles.



1F0074-4D Application for root canal cleaning and root canal enlargement.



1F0074-5 Lateral condensation.



1F0074-6 Lateral condensation.



1F0074-7 Removal of filling material.



1F0074-7D Enlargement of root canal wall.



ENDODONTICS

1F0074-8 Removal of filling and foreign material.



1F0074-8D Enlargement of root canal wall.



1F0074-11 120° Angle Holder for U files.



1F0076-7 95° Angle Holder for U files.



Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size. PIEZO Tips for NSK / Satelec / EMS / 3H / MECTRON, etc.

All PIEZO Tips are fully autoclavable.

- EMS, WOODPECKER, MECTRON compatible.
- NSK, SATELEC compatible scaler tip available upon request.

IMPLANJET DENTAL IMPLANT MOTOR SYSTEM

new!

TECHNICAL DATA:

- Maximum output power: 120 W
- Power: AC 110V / 60HZ; AC 230V / 50HZ
- Adjustable torque range: 5.0 – 55N.cm (20:1)
- BLDC speed: 300 R.P.M. to 50,000 R.P.M.
- Infusion flow: up to 100 ml / min



Ref. 1F0580

FEATURE:

Reduction geared contra angle with internal and external irrigation

- Standard push button reduction geared (20:1) contra angle
- Available for standard reduction handpiece
- Autoclavable

European technology surgical brushless motor

- Speed: 300 R.P.M. to 50,000 R.P.M., high torque and wide speed range for all kinds of treatment; 20:1 contra angle speed, 15-2,100 R.P.M.
- Maximum torque is 210w / 55N.cm, powerful torque output for cutting bone efficiently
- Stable, no overheating, low-noise
- Comply with international waterproof standard IPX4

Foot control pedal

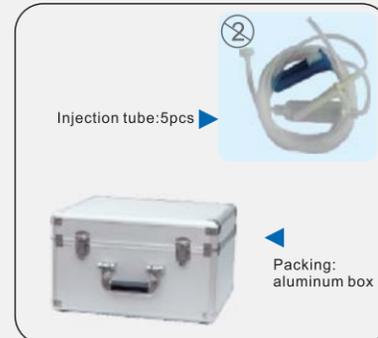
- Multi-functional, easy to operate
- Stable material for consistent use

Excellent cooling system

- Both hand and foot control
- Internal and external tube cooling system
- Powerful water pump
- 5 gear-shiftings to control water volume: 50-100 ml / min

High performance control system

- Big LED screen, nice vision
- 10 kinds of the reduction contra angle to choose
- 10 setting programs, preset the speed of air motor, the volume of cooling liquid and torque
- Precise control of the reverse and specific speed
- Brushless motor realizes the stepless speed regulation



ULTRASONIC CLEANER

Voltage: AC 100V - 120V 60Hz optional
AC 220V - 240V 50Hz / 60Hz optional

1F0075	1F0076	1F0077	1F0078
Inner tank: 15.5×9.5×5.2 cm	15.5×9.5×5.2 cm	17.5×14.5×7 cm	17.5×14.5×7 cm
Exterior size: 20×14×12.5 cm	20×14×12.5 cm	22.8×18.3×15.8 cm	22.8×18.3×15.8 cm
Power: 35 W	35 W	60 W	60 W
Frequency: 40,000 Hz	40,000 Hz	40,000 Hz	40,000 Hz
Volume: 600 ml	600 ml	1300 ml	1300 ml

STAINLESS STEEL ULTRASONIC CLEANER

Automatic water level alarm system

• Voltage Rating: AC 220V, 50 Hz AC 110V, 60 Hz



1F0082	1F0083	1F0084			
Volume	3L	Volume	5L	Volume	5L
Size Of Cleaning Slot(L X W X H) mm	240 x 140 x 110	Size Of Cleaning Slot(L X W X H) mm	240 x 140 x 150	Size Of Cleaning Slot(L X W X H) mm	240 x 140 x 150
Fuse Tube	F2A - 250V	Fuse Tube	F2A - 250V	Fuse Tube	F2A - 250V
Ultrasonic Power	120 W	Ultrasonic Power	120W	Ultrasonic Power	120W
Heating Power	150 W	Heating Power	150W	Heating Power	None
Time	1 - 99 Minutes	Time	1 - 99 Minutes	Time	1 - 99 Minutes
Temperature	20°C - 80°C	Temperature	20°C - 80°C	Temperature	None

EQUIPMENT – IMPLANT

EQUIPMENT – CLEANER



Volume	7L	Volume	7L	Volume	7L
Size Of Cleaning Slot(L X W X H) mm	505 x 140 x 100	Size Of Cleaning Slot(L X W X H) mm	505 x 140 x 100	Size Of Cleaning Slot(L X W X H) mm	505 x 140 x 100
Fuse Tube	F4A - 250V	Fuse Tube	F4A - 250V	Fuse Tube	F4A - 250V
Ultrasonic Power	240W	Ultrasonic Power	240W	Ultrasonic Power	240W
Heating Power	350W	Heating Power	None	Heating Power	None
Time	1 - 99 Minutes	Time	1 - 99 Minutes	Time	1 - 20 Minutes
Temperature	20°C - 80°C	Temperature	None	Temperature	None



Volume	10L	Volume	10L	Volume	10L
Size Of Cleaning Slot(L X W X H) mm	305 x 245 x 150	Size Of Cleaning Slot(L X W X H) mm	305 x 245 x 150	Size Of Cleaning Slot(L X W X H) mm	305 x 245 x 150
Fuse Tube	F4A - 250V	Fuse Tube	F4A - 250V	Fuse Tube	F4A - 250V
Ultrasonic Power	240W	Ultrasonic Power	240W	Ultrasonic Power	240W
Heating Power	350W	Heating Power	None	Heating Power	None
Time	41 - 99 Minutes	Time	41 - 99 Minutes	Time	1 - 20 Minutes
Temperature	20°C - 80°C	Temperature	None	Temperature	None

Ultrasonic Cleaner

APPLICATION RANGE

The machine applies to hospitals, medical school, research, petroleum, chemical industry, light industry, metallurgy, machinery, transportation and defense industries. As equipment, instruments, electronic component, circuit boards, semiconductor silicon, the material, the electroplated parts, metal pieces, optical lenses and spare parts, audio slider, polyester filters, spinneret, the latex mold, medical equipment, glassware, gems and jewelry, watch components, precision metal pieces, bearing glib manufacture of pumps and mechanical parts and components to reduce the complexity of geometry and clean.

Heating Function	Heating Function
1F0082 ✓	1F0087 with double frequency
1F0083 ✓	1F0088 ✓
1F0084 ✗	1F0089 ✗
1F0085 ✓	1F0092 with double frequency
1F0086 ✗	



MIXMAX COLOR-CODED AMALGAMATOR

Mix various capsules include cements, like glass ionomer



Ref.: 1F0030-O Orange



Ref.: 1F0030-P Purple



Ref.: 1F0030-A Aqua

FEATURE:

Control Panel

- LCD screen, easy-to-read, multi-view digital display of speed and time
- Adjustable quick-entry foil keypad

Performance

- Adjustable Time (3s - 60s) and Speed (2800 r.p.m. - 4700 r.p.m.)
- Time setting with memory function
- Revolving by "8" model
- Run-silent design (less than 65db)

Safety

- Safety design, automatic shut-off if detecting lid open, self-lock clip

Design & Construction

- Microprocessor control to ensure precise, controlled, consistent mix
- Compact design to maximize bench space
- Ergonomic design for natural entry of program settings
- Light weight: 2kg
- Motor power: 20W
- Power supply: AC 220 ± 20V, 50Hz



Ref.: 1F0031
Blending speed ≥4,200 r.p.m.



Ref.: 1F0032
Blending speed: 4,200 r.p.m. (High); 2,800 r.p.m. (Low)

E-Z MIX AMALGAMATOR

FEATURE:

- Time setting with memory function
- Safety design, automatic shut-off if detecting lid open
- Run-silent design (less than 65 db)
- Automatic alarm signal
- Power supply: AC 220 ± 5V, 50Hz / 110V, 60Hz
- Motor power: 20W
- Timing range: 4s - 60s
- Gross weight: 2.6 kg

FULL AUTOMATIC STERILIZER



Ref.: 1F0300

Voltage Rating	AC220V, 50Hz
Input Power	2000W
Sterilization Temperature	121°C/134°C(Customer Definition 105°C - 134°C)
Operating Environment Temperature	5°C - 40°C
Room of Sterilization(Diameter×Depth)	250mm×450mm
Volume	23L
Overall Dimension(L×W×H)	475mm×443mm×632mm
Net Weight	57kg
Choosing Build-in Printing	Yes



Ref.: 1F0310

Power Voltage and Frequency	AC220V, 50Hz
Input Power	1800W
Sterilization Temperature	121°C/134°C(Customer Definition 105°C - 134°C)
Operating Environment Temperature	5°C - 40°C
Room of Sterilization(Diameter×Depth)	250mm×350mm
Volume	17L
Overall Dimension(L×W×H)	475mm×443mm×572mm
Net Weight	52kg
Choosing Build-in Printing	Yes

EQUIPMENT – STERILIZER

Instruction of the Operational Mode:

Pre-set procedure	Tem. (°C)	Pressure (bar)	Time of sterilization(Min.)	Working total time(Min.)	Loading	Maximum loading(kg)
1 Prepare vacuum three times 134°C POROUS	134	2.1	4	35 - 45	Un-packed multi-loop equipment	1.00
					Packed textile	0.65
					One-layer packing solid or vacancy substances	3.00
					Double-layer packing solid or vacancy substances	1.50
2 Prepare vacuum three times 121°C POROUS	121	1.0	20	50 - 60	Un-packed multi-loop equipment	1.00
					Packed textile	0.65
					One-layer packing solid or vacancy substances	3.00
					Double-layer packing solid or vacancy substances	1.50
3 Prepare vacuum one times 134°C HOLLOW	134	2.1	4	25 - 35	Un-packed half-solid equipment	6.00
4 Prepare vacuum one times 121°C HOLLOW	121	1.0	20	40 - 50	Un-packed half-solid equipment	6.00
5 Prepare vacuum one times 134°C SOLID	134	2.1	4	20 - 30	Un-packed solid equipment	6.00
6 Prepare vacuum one times 121°C SOLID	121	1.0	20	35 - 45	Un-packed solid equipment	6.00
7 Prepare vacuum three times 134°C PRION	134	2.1	18	45 - 60	Un-packed multi-loop equipment	1.00
					Packed textile	0.65
					One-layer packing solid or vacancy substances	3.00
					Double-layer packing solid or vacancy substances	1.50
8 Prepare vacuum three times Customer definition	126°C (105°C-134°C)	-	12 min. (1 - 40 min.)		Dryness time 15 minutes(3 - 25 minutes)	-

DENTAL X-RAY UNIT

Features

- Using the international advanced technology, efficient integrated design, high efficiency, low radiation
- Using microcomputer intelligent control, not only remote controlled exposure, but more powerful function of low voltage alarm and high voltage protection
- Micro focus technology, much more clear image and accurate diagnosis
- Can use lightroom dental film, imaging in one minute, maximum convenient dentist to diagnose
- Can connect to dental digital imaging system, that is indispensable for clinicians to diagnose and root canal filling
- **For floor type Ref. 1F0010**, the base has two modes of mobile and fixed, pneumatic lift seat ensures more convenient for dentist and more comfortable for patient
- **For wall type Ref. 1F0011**, it could be widely used, save more space and could be more convenient to use



Ref. 1F0010



Ref. 1F0011

• Micro focus technology, much more clear image and accurate diagnosis

• Digital touch button, simple operation, just press one button can quickly and accurately determines the parameter, is the ideal assistant for dentists

Specifications

Power supply	AC 220V ± 10%, 50HZ, 1KVA
Tube voltage	60 KV / 70 KV (optional)
Tube current	8 mA / 0.5 mA (optional)
Focus size	0.8 mm
Total filtration	2.5 mmAL
Exposure time	0.2 - 4.0 s
Leak radiation	outside one meter ≤ 0.002 Mg/h (Normal standard: 0.25 Mg/h)

EQUIPMENT – X-RAY

PROTABLE DENTAL X-RAY UNIT

REF. 1F0013



Operation Panel

Features

- The device is DC high frequency portable dental x-ray unit, could be connected with intra-oral digital x-ray imaging system
- There are manual buttons installed on the surface of shell, operate easily. All of the components are installed in the central PC board, insulation vacuum and sealed stereotype protection make its brilliant features
- The unit mainly suitable for oral pre-treatment diagnosis of internal organization structure and root depth and so on, is indispensable in daily life clinic, especially for dental implant surgery
- The battery is durability, it can take about five hundred images after fully charged, and it can be charged and discharged for one thousand times in its life

Specifications

Tube voltage	60 KV	Tube current	1 mA
Exposure time	0.1 - 2.0 s	Frequency	30 KHz
Tube focus	0.3 mm x 0.3 mm	The distance from skin to cone	130 mm
Battery	DC 14.8 V, 6400 mAh	Rated power	60 VA
Charger input voltage	AC 100V - 240V ± 10%	Output voltage	DC 16.8V
Ambient temperature	5 - 40°C	Relative humidity	< 75% RH
Net weight	2.5 kg	Gross weight	3.5 kg
Size	138 X 165 X 185 (mm)	Package size	220 X 240 X 275 (mm)

Carilo OILLESS AIR COMPRESSOR

Specific design for dentistry

An intelligent dental air compressor is an important role of a full-service dental office. Carilo oilless air compressor acts as a reliable partner of dentists, with the help of new patent technology, it supplies dental office with not only silent working environment, but also stable working performance.

TYPE: Primo, Duo, Trio, Quattro



AIR TECHNIQUES
Dental Air Compressors and Vacuum Systems

The Heart of a Healthy Practice

Ref. No.	Power Supply (50 or 60 Hz)	Power W	Air Flow L/MIN.	Max. Workpressure MPA	Tank Capacity L	Net Weight KG	Packing Dimension MM	Noise dB(A)
1F0200	220 / 110	750	90	0.8	32	28	420x420x760	58
1F0201	220 / 110	1200	180	0.8	40	40	600x320x760	62
1F0202	220 / 110	2400	320	0.8	80	80	900x510x920	63
1F0203	220 / 110	1500	200	0.8	70	50	800x330x760	60
1F0204	220 / 110	2250	280	0.8	95	60	1000x360x800	63
1F0205	220 / 110	3000	360	0.8	120	80	1200x360x800	63
1F0206	220 / 110	3600	600	0.8	150	120	1250x400x900	68
1F0207	380	4800	800	0.8	190	160	1500x400x900	68



PRIMO-ECO
(Ref.: 1F0200)

Used for Prosthodontia treatment of **1** chair unit



DUO-UTI
(Ref.: 1F0201)

Used for Prosthodontia treatment of **2** chair units at the same time



DUO-PLUS
(Ref.: 1F0202)

Used for Prosthodontia treatment of **5** chair units at the same time



DUO-POW
(Ref.: 1F0203)

Used for Prosthodontia treatment of **3** chair units at the same time

• More tank capacities are available upon request

HAND-FREE ALGINATE MIXER

FEATURE:

- Patent design, hand-free, foot control
- Faster, less bubble, mix evenly
- AC 220V ± 10%, 50Hz ± 1Hz
- Rotate speed: 0 – 300 R.P.M., adjustable, foot control
- Time setting: 20 sec. with alarm lamp flash and buzzing
- Over loading automatic stopping
- Net weight: 3 kg



Ref. 1F0038



AUTOMATIC ALGINATE MIXER

FEATURE:

- Excellent design and modeling
- Electric lock and motor brake gear ensure operational security
- Powerful motor, fine viscosity and perfect mixture
- 3 programs setting for memory the mixing time (Install setting: 6, 8, 10, 12 seconds)
- No bubbles for the material when finish mixing

Technical Data:

- Voltage: AC 110V 50/60HZ; AC 220V 50/60HZ
- Power: 350 – 400 W
- Timer: 1 – 12 seconds
- Revolution: 2,900 to 3,600 R.P.M.
- Mes.: 40 x 33 x 45 cm



Ref. 1F0038-B

SCALERART PROPHY MATE

- Time-save, cost-save, stable
- Easy to operate and maintain
- Quick connect to major turbine couplings

Ref. Description

- 1F0043-M Coupling connector with 4 holes
- 1F0043-B Coupling connector with 2 holes
- 1F0044-M Coupling connector with 4 holes
- 1F0044-B Coupling connector with 2 holes



1F0043-M 1F0043-B 1F0044-M 1F0044-B



Ref.: 1F0091

WATER DISTILLER

Voltage Rating	AC 220V, 50Hz AC 110V, 60Hz
Power Rating	750 W
Capacity	4 L
Distiller Volume	1 L/H
Temperature Over Safety	Power-off when temperature is 160°C
Net Weight	4 kg

HANDPIECE LUBRICATION SYSTEM

FUNCTIONAL CHARACTER:

- This machine can clean and oil the parallel shank or bending handpiece accurately and easily at any time
- It has the character of high security, easily operating, easily commandeering, and any person can operate it
- Three dental handpieces can be oiled and cleaned at the same time
- Swing pinion of the 1F0320 can effectively clean and oil the dental handpiece from different angles
- Having completed the procedure of the cleaning and oiling, the remained oil can be cleared by pressing the air key
- Different handpieces can be oiled by choosing the short mode, the long mode, and the longer mode
- Oil mist filtration cotton can prevent the least diffusing of the oil mist



Ref.: 1F0320

Voltage Rating	AC 220V, 50Hz AC 110V, 60Hz
Air Pressure	0.35-0.60 Mpa(3.5-6.0kgf/cm²)(50-80psi)
Oil Tank Volume	350 ml
Distiller Volume	11/H
Overall Dimension(L x W x H)	285mm x 355mm x 275mm
Net Weight	7.5 kg

DISPOSABLE HIGH SPEED HANDPIECE (STERILE)

FEATURE:

- Sterilized packing, disposable use, avoid cross infection
- Cost save comparing with traditional turbine handpiece
- Ready for use when package opens, save time
- Midwest 4 hole for most of the dental units
- Packing: 1 pc / sterile pouch, 500 pouches / case

TECHNICAL DATA:

- Air pressure: ≤245KPa
- Rotating Speed: ≥260,000 r/min
- Noise: ≤ 67db
- Holding Force: 20N-45N
- Radial Run-Out: ≤0.06mm
- Max Torque: ≥1.1mN·m



■ 1A6910-Y Yellow
■ 1A6910-B Blue

1A0000-30	P02	1A5940-45	P42
1A0040-66	P03	1A6000-03	P54
1A0100-74	P04	1A6006	P42
1A0502	P64	1A6110-32	P49
1A1600-07	P04	1A6140-67	P46
1A2004-05	P43	1A6160-65	P47
1A2010-11	P44	1A6170-81	P48
1A2013-71	P23	1A6200-6231	P45
1A2018-60	P22	1A6300-05	P14
1A2190-91	P30	1A6400-39	P17
1A2200-87	P28	1A6421-27	P16
1A2300-07	P28	1A6500-39	P18
1A2321-97	P29	1A6500-40	P17
1A2410-37	P29	1A6541-61	P24
1A2422-47	P32	1A6556-59	P55
1A2500-06	P30	1A6570-80	P49
1A2660-83	P26	1A6575-78	P60
1A2665-90	P27	1A6590-95	P60
1A2700-95	P07	1A6610-77	P63
1A3100-04	P05	1A6638-39	P64
1A3120-52	P06	1A6640-54	P61
1A3310-44	P08	1A6646-49	P62
1A4100-23	P31	1A6665-74	P39
1A4200-57	P09	1A6681-83	P38
1A4230-37	P10	1A6695-98	P58
1A4300-03	P10	1A6705-28	P59
1A4310-48	P51	1A6707-11	P57
1A4350-53	P44	1A6712-21	P50
1A4400-04	P10	1A6714-16	P25
1A4435-36	P18	1A6718-24	P55
1A4440-43	P44	1A6740-68	P19
1A5100-96	P20	1A6748-49	P44
1A5155-94	P21	1A6770-93	P52
1A5202-08	P20	1A6774	P53
1A5210-50	P21	1A6779-99	P53
1A5900-99	P40	1A6800-05	P39
1A5930-85	P41	1A6810-12	P38

1A6820-45	P37	1C0542-43	P72
1A6834	P42	1C0544-62	P74
1A6850-61	P25	1C0565-68	P78
1A6866-67	P51	1F0001-09	P83
1A6870-90	P13	1F0003-07	P85
1A6900-14	P56	1F0010-13	P96
1A6906	P58	1F0016-55	P84
1A6907	P30	1F0018	P85
1A7051	P58	1F0021-50	P82
1A8100-07	P11	1F0026-27	P64
1A8140-48	P11	1F0030-32	P94
1A8200-19	P12	1F0034-39	P86
1A8600-16	P65	1F0038-44	P98
1A9002-14	P34	1F0053	P83
1A9010-40	P35	1F0056	P85
1A9100-04	P35	1F0073	P87
1A9106	P59	1F0074-76	P90
1A9250-58	P36	1F0075-84	P92
1A9264	P30	1F0085-92	P93
1A9300-05	P75	1F0091	P99
1A9306-56	P39	1F0200-07	P97
1B4000-7120	P69	1F0300-10	P95
1B8000-9072	P70	1F0320	P99
1B8901-37	P71	1F0500-03	P64
1C0000-53	P76	1F0550-55	P89
1C0100-52	P76	1F0560-65	P88
1C0248-62	P77	1F0580	P91
1C0263-83	P78	1J0001-40	P67
1C0264-66	P80	1L0016-0326	P66
1C0284-98	P79	B4130R	P55
1C0301-02	P79	N4130R	P55
1C0303-26	P81		
1C0330-40	P80		
1C0456-65	P54		
1C0471	P39		
1C0500-60	P75		
1C0535-38	P73		

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Thank you for being one of our most valued customers!