

Products Catalog 2017

Amalgamators

Implant Motors

Endo Motors

LED Light



Manufacturing Company

ATS DENTAL is located in Serravalle Pistoiese a small place near Pistoia - Tuscany - Italy at 25 Km from Florance.
Our new facilities were opened in January 2016. They include: offices, show room and a large manufacturing section.
Our Quality Management System (QMS) includes a collection of business processes focused on consistently meeting customer requirements and enhancing their satisfaction.

Certified ISO 13485 and ISO 9001



Strategy&Vision:

ATS DENTAL is a young and dynamic firm for the production and trade of professional dental products. The current firm policy constantly tends towards research, study and production, on behalf of a third party too, of unique, innovating and not very expensive products.

Development System:

In order to be able to deliver useful new products to the market in a timely fashion, we have established various state-of-the-art testing facilities and adopted a system which enables us to conduct all development in-house.



Acquisition of «LINEA TAC AMALGAMATORS»

ATS DENTAL, manufacturing motors used in endodontics and implantology has expanded its operations with the acquisition of the «Linea Tac Amalgamators business». in March 2016. Acquiring «Linea Tac» is a significant step forward in achieving a leadership role in the field of Amalgamators. Linea Tac amalgamators are universally recognized for their quality and reliability after 40 years of manufacturing.



LINEA TAC

AMALGAMATOR

CELEBRATING
40
YEARS

Amalgamator

Mixing.Strong.Always

TAC-400M

programmable capsule mixer

LINEA TAC

AMALGAMATOR

Mixing.Strong.Always

TAC-400M - fully computerized and programmable Amalgamator with 10 pre-set memories - employs microprocessor controls to provide extreme accuracy for a perfect mix-to-mix consistency and performance, continuously verifying cycles per minute.

Features and Benefits

- Simply to use**
The touch control system is quick and simple to operate. The capsule holder design makes loading and removal easy
- Touch Pad Selector**
Allow easy time setting
- L-E.D. display**
Clearly display time setting
- Universal Arm Design**
Multi use mixer suitable for all types of encapsulated dental materials
- Reinforced Carbon-Fiber Arms**
More durable than metal arms
- Vibration absorbers. Quite operation and low vibration**
Minimal vibration of all external parts ensures it will not move from its standing position
- Protective Cover**
Covers arms and capsule during high speed mixing to reduce noise. It will immediately stop mixing when the protective cover is open
- Ramp to seed quickly**
Goes to 0 to 4200 cycles per minute immediately
- Easy to disinfect**
The hygienic one surface covers facilitate infection control cleaning and the non-porous plastic surface can be cleaned with any dental disinfectant.



TECHNICAL DATA

Model	TAC-400M	Class MD	I rule 12 in Annex IX 93/42/EEC
Dimensions	300x220x170	Console	IP21
Materials	Metal	7488 Classification	Type 1
Noise	< 65 dBA	Operating Mode	30" ON - 180" OFF
Supply Voltage	AC 230V	Max Working Time	30'
Frequency	50/60 Hz	Fuses	1xT2.0A 250V

TAC-200S

capsule mixer

LINEA TAC
AMALGAMATOR

Mixing.Strong.Always

The **TAC-200S** - fully computerized and programmable Amalgamator - employs microprocessor controls to provide extreme accuracy for a perfect mix-to-mix consistency and performance, continuously verifying cycles per minute.



- Simply to use**
The touch control system is quick and simple to operate. The capsule holder design makes loading and removal easy
- Knob Selector**
Allow easy time setting
- Universal Arm Design**
Multi use mixer suitable for all types of encapsulated dental materials
- Reinforced Carbon-Fiber Arms**
More durable than metal arms
- Vibration absorbers. Quite operation and low vibration**
Minimal vibration of all external parts ensures it will not move from its standing position
- Protective Cover**
Covers arms and capsule during high speed mixing to reduce noise. It will immediately stop mixing when the protective cover is open
- Ramp to seed quickly**
Goes to 0 to 4200 cycles per minute immediately
- Easy to disinfect**
The hygienic one surface covers facilitate infection control cleaning and the non-porous plastic surface can be cleaned with any dental disinfectant.



TECHNICAL DATA

Model	TAC-200S	Class MD	I rule 12 in Annex IX 93/42/EEC
Dimensions	300x220x170	Console	IP21
Materials	Metal	7488 Classification	Type 1
Noise	< 65 dBA	Operating Mode	30" ON - 180" OFF
Supply Voltage	AC 230V	Max Working Time	30'
Frequency	50/60 Hz	Fuses	1xT2.0A 250V

CE  Made in Italy

 **ATS Dental**
Advanced Technology Solutions

TAC UltraMix

programmable capsule mixer

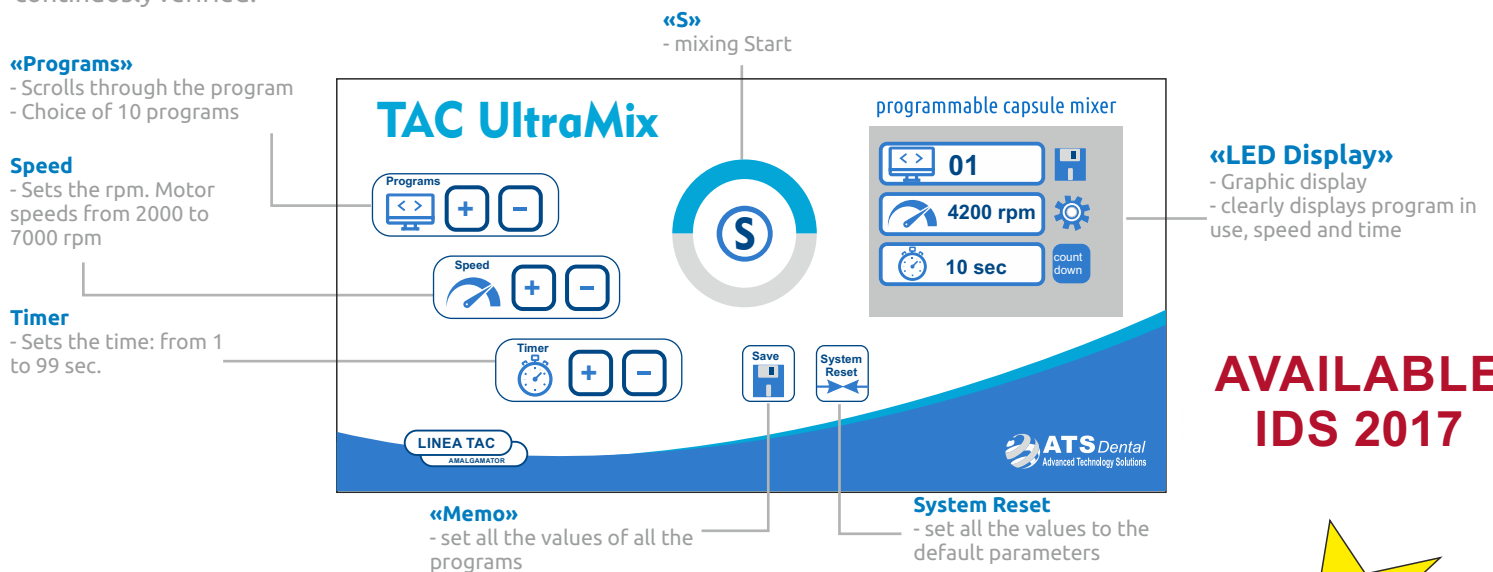
LINEA TAC

AMALGAMATOR

Mixing.Strong.Always

Features and Benefits

TAC UltraMix is a new well-engineered amalgamator. This powerful unit has a reliable «**speed and time control**». The microprocessor controls «**10 Programs**», the «**Speed**» - that can be adjusted from 2000 rpm to 7000 rpm- and the «**Time**» - that can be adjusted from 0 to 99 seconds. Cycles per minute are continuously verified.



**AVAILABLE
IDS 2017**



Simply to use

The touch control system is quick and simple to operate. The capsule holder design makes loading and removal easy

Touch Pad Selector

Allow easy time setting

Universal Arm Design

Multi use mixer suitable for all types of encapsulated dental materials

Reinforced Carbon-Fiber Arms

More durable than metal arms

Vibration absorbers. Quite operation and low vibration

Minimal vibration of all external parts ensures it will not move from its standing position

Protective Cover

Covers arms and capsule during high speed mixing to reduce noise. It will immediately stop mixing when the protective cover is open

Ramp to seed quickly

Goes to 0 to 4200 cycles per minute immediately

Easy to disinfect

The hygienic one surface covers facilitate infection control cleaning and the non-porous plastic surface can be cleaned with any dental disinfectant.



TECHNICAL DATA

Model	TAC UltraMix	Class MD	I rule 12 in Annex IX 93/42/EEC
Dimensions	300x220x170	Console	IP21
Materials	Metal	7488 Classification	Type 1
Noise	< 65 dBA	Operating Mode	30" ON - 180" OFF
Supply Voltage	AC 230V	Max Working Time	30'
Frequency	50/60 Hz	Fuses	1xT2.0A 250V

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ATS Dental
Advanced Technology Solutions

ATS DENTAL

IMPLANT MOTOR

Implant Motor

**The new generation...
of Power and Control**

«Alpha» Implant «Brushless»

The new generation... of Power and Control



-  **Compact Design**
-  **User Friendly**
-  **Brushless Motor**
-  **Available with 3 different pedals**
-  **Built to last**
-  **Accurate**

Available ATS 20:1 Contra Angle



Complete, powerful, elegant and precise!

ALPHA IMPLANT Brushless is a complete system, specially developed under consideration of all the needs in implantology and surgery: powerful performance and precise functionality. See for yourself!

Power and Accurate

ALPHA IMPLANT Brushless is a small tabletop unit for implantology that combines the power of a BRUSHLESS motor with a user friendly . All necessary treatment stages of implantology can be carried out safely and precisely using just one contra-angle handpiece 20:1.

ALPHA IMPLANT Brushless also delivers the highest standards of ergonomics and flexibility.

With a motor torque of 72 Ncm and a motor speed range of 400 – 30,000 rpm (20 - 1500 with 20:1) **ALPHA IMPLANT Brushless** is an impressively powerful instrument.

Safe, Reliable, Silent, Light and User Friendly

Advanced Irrigation Pump

- **Easy set up of irrigation tubes** - Very ergonomic opening and closing system - Better control of irrigation flow with very constant flow rate - Stable and quiet operations - 3 Flow Rates available: MIN - MED - MAX

AVAILABLE WITH 3 DIFFERENT FOOT CONTROL

«DeLuxe» Multifunction Foot Control

Programs switching - Activation and Deactivation of the coolant pump - - Clockwise / Anticlockwise rotation - ON/OFF function. The reostatic effect is ensured by means of a **specialized «pressure sensor»**. There are NO mechanical or moving parts.

«Standard» Multifunction Foot Control

Programs switching - Activation and Deactivation of the coolant pump - - Clockwise / Anticlockwise rotation - ON/OFF function. with **«ERC» (Electronic Reostatic Effect)**

«Easy» Foot Control

ON/OFF button with **«ERC» (Electronic Reostatic Effect)**

REF: ALP300E/S/DL Implantology Unit including:

- Electronic Control Console
- Not Autoclavable Brushless Micromotor
- «Easy» / «Standard» / «DeLuxe» Pedal
- Solution Holder - Motor Holder - 1 Tube

CE 1370  Made in Italy

«Omega» Implant



The new generation... of Power and Control

-  **Motor with cable Disinfectable / Sterilizable**
-  **User Friendly**
-  **Powerful Brushless Motor**
-  **Compact Design**
-  **Wide speed range**
-  **Accurate**

Available ATS 20:1 Contra Angle



Complete, powerful, elegant and precise!

OMEGA IMPLANT is a complete system, specially developed under consideration of all the needs in implantology and surgery: powerful performance and precise functionality. See for yourself!

Power and Accurate

OMEGA IMPLANT is a small tabletop unit for implantology that combines the power of a BRUSHLESS motor with a user friendly. All necessary treatment stages of implantology can be carried out safely and precisely using just one contra-angle handpiece 20:1.

OMEGA IMPLANT also delivers the highest standards of ergonomics and flexibility.

With a motor torque of 72 Ncm and a motor speed range of 400 - 40,000 rpm (20 - 20000 with 20:1) **OMEGA IMPLANT** is an impressively powerful instrument.

Safe, Reliable, Silent, Light and User Friendly

Advanced Irrigation Pump

- **Easy set up of irrigation tubes** - Very ergonomic opening and closing system - Better control of irrigation flow with very constant flow rate - Stable and quiet operations - 3 Flow Rates available: MIN - MED - MAX

Powerful Motor

72 Ncm (at the instrument) of pure power for all clinical performances
STERILIZABLE: 135°C(275°F)

AVAILABLE WITH 2 DIFFERENT FOOT CONTROL

«DeLuxe» Multifunction Foot Control

Programs switching - Activation and Deactivation of the coolant pump - - Clockwise / Anticlockwise rotation - ON/OFF function. The reostatic effect is ensured by means of a **specialized «pressure sensor»**. There are NO mechanical or moving parts.

«Standard» Multifunction Foot Control

Programs switching - Activation and Deactivation of the coolant pump - - Clockwise / Anticlockwise rotation - ON/OFF function. with «ERC» (**Electronic Reostatic Effect**)

REF: ALP300E/S/DL Implantology Unit including:

- Electronic Control Console
- Autoclavable Brushless Micromotor
- «Standard» / «DeLuxe» Pedal
- Solution Holder - Motor Holder - 1 Tube

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B-ONE

BRUSHLESS MOTOR
L.E.D. LITE
AUTOCLAVABLE

Micromotor: Guaranteed up to 1000 Sterilisation cycles

The new generation... of Power and Control



LED Lighting



Powerful Motor - L.E.D. Lighting

72 Ncm (at the instrument) of pure power for all clinical performances

STERILIZABLE: 135°C (275°F) guaranteed up to 1000 sterilisation cycles.

ATS LED's generate natural daylight-quality light to illuminate the treatment area enabling more precise surgery and shortened operation times. **Constant intensity at both High and Low speed - White Light - Adjustable intensity - Clear color contrasts.**

Complete, powerful, elegant and precise!

B-ONE is a complete system, specially developed under consideration of all the needs in implantology and surgery: powerful performance and precise functionality. See for yourself!

Power and Accurate

B-ONE is a small tabletop unit for implantology that combines the power of a BRUSHLESS motor with a user friendly . All necessary treatment stages of implantology can be carried out safely and precisely using just one contra-angle handpiece 20:1.

OMEGA IMPLANT also delivers the highest standards of ergonomics and flexibility.

With a motor torque of 72 Ncm and a motor speed range of 400 – 40,000 rpm (20 - 20000 with 20:1) **OMEGA IMPLANT** is an impressively powerful instrument.

Safe, Reliable, Silent, Light and User Friendly



Advanced Irrigation Pump

- **Easy set up of irrigation tubes** - Very ergonomic opening and closing system - Better control of irrigation flow with very constant flow rate - Stable and quiet operations - 3 Flow Rates available: Min - Med - Max



Multifunction Foot Control

Programs switching - Activation and Deactivation of the coolant pump - - Clockwise / Anticlockwise rotation - ON/OFF function. The reostatic effect is ensured by means of a **specialized «pressure sensor»**. There are NO mechanical or moving parts.



AVAILABLE
IDS 2017

REF: B-ONE Implantology Unit including:

- Electronic Control Console
- Autoclavable Brushless Micromotor with LED Lite
- «Standard» / «DeLuxe» Pedal
- Solution Holder - Motor Holder - 1 Tube



 Made in Italy

ATS DENTAL

IMPLANT MOTOR

Implant Surgical Motor

The future is now

I-TECH «Lite»

**BRUSHLESS MOTOR
L.E.D. LITE
AUTOCLAVABLE**

Micromotor: Guaranteed up to 1000 Sterilisation cycles

The Future is...now



LED Lighting



Touch Screen



Display Touchscreen 4.3"

A 4.3" glass touch-screen intuitive control panel for user-friendly piloting of all programs. Select personalised settings, display information just the way you want and enjoy simple yet precise implantology unit control



Motor - L.E.D. Lighting

72 Ncm (at the instrument) of pure power for all clinical performances
STERILIZABLE: 135°C (275°F) guaranteed up to 1000 sterilisation cycles.
ATS LED's generate natural daylight-quality light to illuminate the treatment area enabling more precise surgery and shortened operation times. **Constant intensity at both High and Low speed - White Light - Adjustable intensity - Clear color contrasts.**



Multifunction Foot Control

Programs switching - Activation and Deactivation of the coolant pump - - Clockwise / Anticlockwise rotation - ON/OFF function. The reostatic effect is ensured by means of a **specialized «pressure sensor»**. There are NO mechanical or moving parts.



Advanced Irrigation Pump

- **Easy set up of irrigation tubes** - Very ergonomic opening and closing system - Better control of irrigation flow with very constant flow rate - Stable and quiet operations - 4 Flow Rates available: 25% - 50% - 75% - 100%

 Made in Italy

 **ATS Dental**
Advanced Technology Solutions

B-One 7

TS 7" Display

BRUSHLESS MOTOR
L.E.D. LITE
AUTOCLAVABLE

Micromotor: Guaranteed up to 1000 Sterilisation cycles

The Future is...now



LED Lighting



Touch Screen



Bone Density Recognition



Bluetooth



Display Touchscreen 7"

A 7" large glass touch-screen intuitive control panel for user-friendly piloting of all programs. Select personalised settings, display information just the way you want and enjoy simple yet precise implantology unit control



Powerful Motor - L.E.D. Lighting

72 Ncm (at the instrument) of pure power for all clinical performances

STERILIZABLE: 135°C (275°F) guaranteed up to 1000 sterilisation cycles.

ATS LED's generate natural daylight-quality light to illuminate the treatment area enabling more precise surgery and shortened operation times. Constant intensity at both High and Low speed - White Light - Adjustable intensity - Clear color contrasts.



Multifunction Foot Control

Programs switching - Activation and Deactivation of the coolant pump - Clockwise / Anticlockwise rotation - ON/OFF function. The reostatic effect is ensured by means of a specialized «pressure sensor». There are NO mechanical or moving parts.



«BDR» Bone Density Recognition

equipped with a sophisticate electronic system to recognize the bone quality according with the «4 Groups»:

Type I: homogeneous cortical bone; **Type II:** thick cortical bone with marrow cavity; **Type III:** thin cortical bone with dense trabecular bone of good strength; **Type IV:** very thin cortical bone with low density trabecular bone of poor strength.



**AVAILABLE
FALL
2017**



Advanced Irrigation Pump

- Easy set up of irrigation tubes - Very ergonomic opening and closing system - Better control of irrigation flow with very constant flow rate - Stable and quiet operations - 3 Flow Rates available: Min - Med - Max



Bluetooth

Each step in the application is completely documented and can be accessed at any time using the **BLUETOOTH**.

The report can be easily transferred in Excel format via «Bluetooth» on PC, Notebook or Cellular Phone.

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ATS DENTAL




ENDO MOTOR

Endo Motor

**The new generation...
of Endo Motion**

The new generation... of Endo Motion



-  **Light and Compact**
-  **Highly Versatile**
-  **Easy and fast access to all Settings**
-  **Excellent Quality/Price Ratio**
-  **Color Code Buttons**



RECIPROCATING MOVEMENT

The **RECIPROCATING MOVEMENT** is based on the natural, manual file forward and reverse motion for more::

SEMPPLICITY = A simplified protocol decreasing the number of files sequences (only 1 or 2 files needed)

EFFICIENCY = Low screwing effect - Decreases the global shaping time and creates a more central canal

SAFETY = Progressive evolution in the canal, very light apical pressure to respect the root canal anatomy, reduces the fatigue and the risk of breakage



ROTATING MOVEMENT

Keep all the benefit of the **ROTATING MOVEMENT** while ensuring a constant and regular motion

AUTO-REVERSE accuracy:

- a beeping tone warns you when the 75% of the pre-set torque is reached

- the advanced microprocessor offer an extremely short time of response when torque is reached

3 AUTO-REVERSE MODE when the torque is reached:

1. STOP	Stop without reverse rotation
2. STANDARD	Runs in reverse rotation
3. SPECIAL	Runs in reverse rotation until the file is freed and automatically returns to forward

The new generation... of Endo Motion

OPEN SYSTEM

- Compatible with all system and files from all major supplies
- Free control of the forward and reverse angles from 10° to 360° in Reciprocating mode
- Including 10 customizable programs in both modes
- Compatible with all contra-angle ISO 3964

PRECISION AND RAPIDITY

- The microprocessor calculates an algorithm for greater precision
- Integrated motor calibration system to check the contra-angle mechanical inertia
- Perfect micro-motor / instruments adjustment
- Last generation microprocessor for an extremely short response time
- Micro-motor smooth, short, light and well-balanced

Rotating

Prg: 1
Rpm: 300
R/R: 20:1

Ncm: 2.5
REV: SAR

Mode
Rotating
F+R

Motor
On
Off

Ratio
Calibr.

Speed
+
-

Fwd/Rev
Rev.Type

Torque
+
-

FWD°
+
-

REV°
+
-

F+R

Prg: 1
Rpm: 300
R/R: 20:1

FWD°: 180
REV°: 90

Mode
Rotating
F+R

Motor
On
Off

Ratio
Calibr.

Speed
+
-

Fwd/Rev
Rev.Type

Torque
+
-

FWD°
+
-

REV°
+
-



5 Contra-Angle Ratio settings
(1:1 - 6:1 - 16:1 - 20:1 - 32:1)

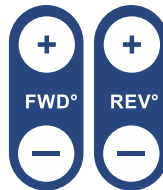


Speed without Contra-Angle:
1000 to 10000 rpm

Speed with a:
16:1 contra-angle = 100 to 600 rpm
6:1 contra-angle = 150 to 1600 rpm



Torque with a:
16:1 contra-angle = 0,5 to 10 Ncm (Max)
6:1 contra-angle = 0,5 to 4,1 Ncm (Max)



Dedicated to Reciprocating (F+R) Mode
Adjustment from 10° to 360°
in forward and reverse motion

REF: ALP100E Endo Unit including:

- Electronic Control Console
- Micromotor Assembly
- «Easy» Pedal
- Power Cord

TOP 1000

TOP 1000

LED Curing Light

The Power...of the Light

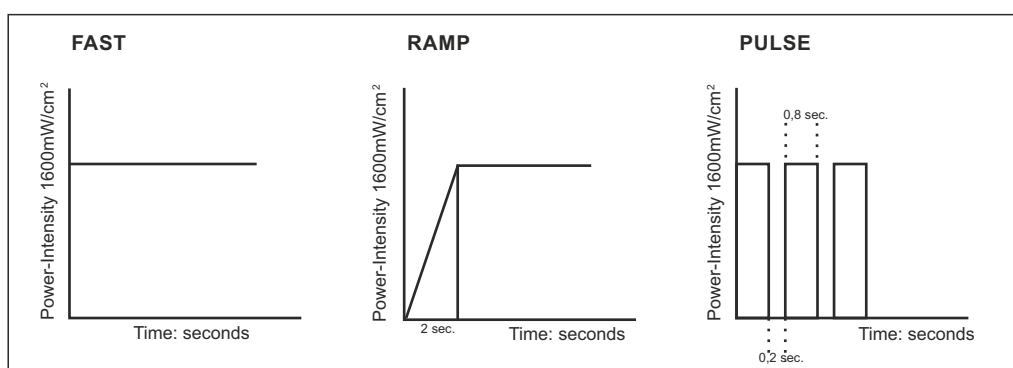
TOP 1000 LED Cordless Curing Light offers the combination of features, performance and reliability for the polymerization of all photosensitive dental materials with photo initiator for the wavelength range 430-480 nm. It has been designed to inspire confidence with its unmatched features for convenience and versatility of use.

3 Operation Modes: Fast - Ramp- Pulse

F: FAST – full power all the time

R: RAMP - gradually increasing power in first 2 seconds, then full power till ends

P: PULSE – 0.2 second interval with full power for 0.8 second



Ergonomic V-shape

It provides a comfortable grip from any angle.

Powerful Output

A predictable, reliable cure. Significantly better depth of cure with light uniformity and intensity distribution.

Unique, Multiple-setting light time

Guideline for the operation Time (5 - 10 - 20 - 30 - 40 - 50 seconds)

5W 1600mW/cm ²	Time	5 Sec.	10 Sec.	20 Sec.	30 Sec.	40 Sec.
	Depth		3,5 mm	4,2 mm	5,4 mm	6,2 mm

Sleep-mode saves energy

When the unit is suspended for 90 seconds, it will turn into sleeping mode to conserve energy.

Advanced Battery Technology

Lithium-ion battery - DC 3.7V - Capacity: 2600 mAh.

The unit is available to use with adapter as cord type when there's an urgent operation if battery is low in power. Directly connect the switching power adaptor with the curing handpiece.

Quiet fan and advanced thermal control system

It keeps the unit cool for uninterrupted operation and extends the overall life of the unit.

Technical Data

Wavelength range	430-490nm
Light Intensity	1600 mW/cm ²
Time Setting	5 - 10 - 20 - 30 - 40 - 50 seconds
Power Supply	Lithium-Ion Battery DC 3.7V 2600mAh
Power Adaptor Input	100-240V 50/60 Hz
Power Adaptor Output	DC 5V 3A

TOP 1000 Cordless Kit:

- 1 x TOP 1000 Cordless LED curing light
- 1 x Li-ion Batteries (rechargeable)
- 1 x Charging Station
- 1 x Switching Power Adaptor
- 1 x Light Guide
- 1 x Oval protector





We can help you move quickly....
to seize new opportunities

PRIVATE LABEL OBL PROGRAM

We produce with our Brand and in Private Label/OEM. All products are manufactured and tested in accordance with European Medical Device Directive 93/42/EEC.

ATS DENTAL help you to tailor your marketing needs according to your individual requirements.

Please don't hesitate to contact us if you have any questions. We fulfill every customer's requirement of high quality, better ratio quality/price and quick time to market.

ATS DENTAL has a dedicated Department to Private Label/OEM and take care of everything: from the idea to the launching on the market. Our assure policy is very strict and we guarantee the best Service & Support to our Customers.

There are many reasons why your company may decide that it is best to private label your own products:

POWER OF THE BRAND

One reason is that you have the "power of the brand" working for you. When customers purchase your product that is branded, they are much less likely to switch from purchasing a competitor's brand.

REPEAT CUSTOMERS

Once your brand has been established you will get repeat customers. As you build the brand and expand your sales this will afford you the option to begin wholesaling to other vendors. When these vendors continue to purchase from you, as customers go those vendors to look for your brand, you can then expand distribution channels.

CONTROL

Another reason for private labelling is control. You can now decide what goes in to your product. You decide what goes on the label. You decide what claims should be made. You can even decide to expand your very own product line, if you choose to.



LINEA TAC

AMALGAMATOR

Via Vecchia Provinciale Lucchese, 49/F
Zona Industriale "Mauro Maltinti"- Loc. Masotti
51030 SERRAVALLE PISTOIESE (pt)
Tel: +390573518137 - Fax: +3905731711140
www.atsdental.com - info@atsdental.com



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Stamp

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