



CATALOG 2023

THE NEW GENERATION....OF ENDO UNITS

HI
TECH
ENDO

new **ENDOMOTOR** in:

- «Reciprocating» F+R Function
- «Continuous Rotary mode» with «SAR»



OPEN TO ALL FILE SYSTEMS !

«RECIPROCATING»



- Specific setting available for all file systems
- Programmable angle from 10° to 360° in Forward and Reverse



«CONTINUOUS ROTARY»



- Automatic safety functions: Standard AutoReverse + «SAR»
- Saving up to 10 individual torque and speed settings



THE NEW GENERATION....OF ENDO UNITS



RECIPROCATING MOVEMENT

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

- **SIMPLICITY**
- **EFFICIENCY**
- **SAFETY**

ROTATING MOVEMENT

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

AUTO-REVERSE accuracy:

- **extremely short time of response** when torque is reached
- **a beeping tone** warns you when the **75% of the pre-set torque** is reached

At about 75% of the pre-set torque, alarm activates



AUTO - REVERSE MODE

1. STOP
Stop without reverse rotation

RE-Step on the foot pedal

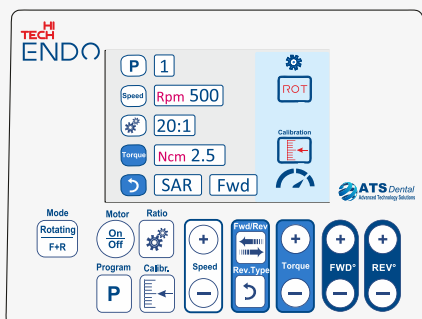
2. STANDARD
Runs in reverse rotation

3. SPECIAL
Returns automatically in Forward

SAR
SPECIAL AUTO REVERSE

When the torque setting is reached, the file auto reverses 0.5 sec. then continues again in the cutting direction. OTR reduces file fatigue, as well as the possibility of file breakage. Safely & efficiently clean & enlarge canals with «SAR» technology.

Rotating



Ratio



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

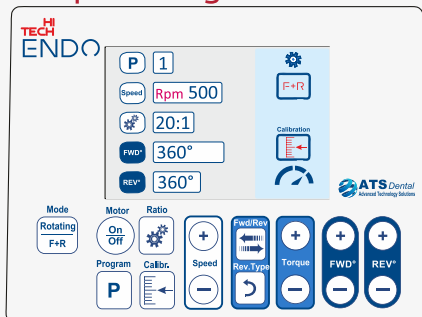


Torque with a:
16:1 contra-angle = 0,5 to 10 Ncm (Max)
6:1 contra-angle = 0,5 to 4,1 Ncm (Max)



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

Reciprocating



ATS Dental



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Model	Code	Description
HI TECH ENDO	HTE800	Endo Unit: - Electronic Control Console - Micromotor Assembly - «Easy» Foot Control - Power Supply

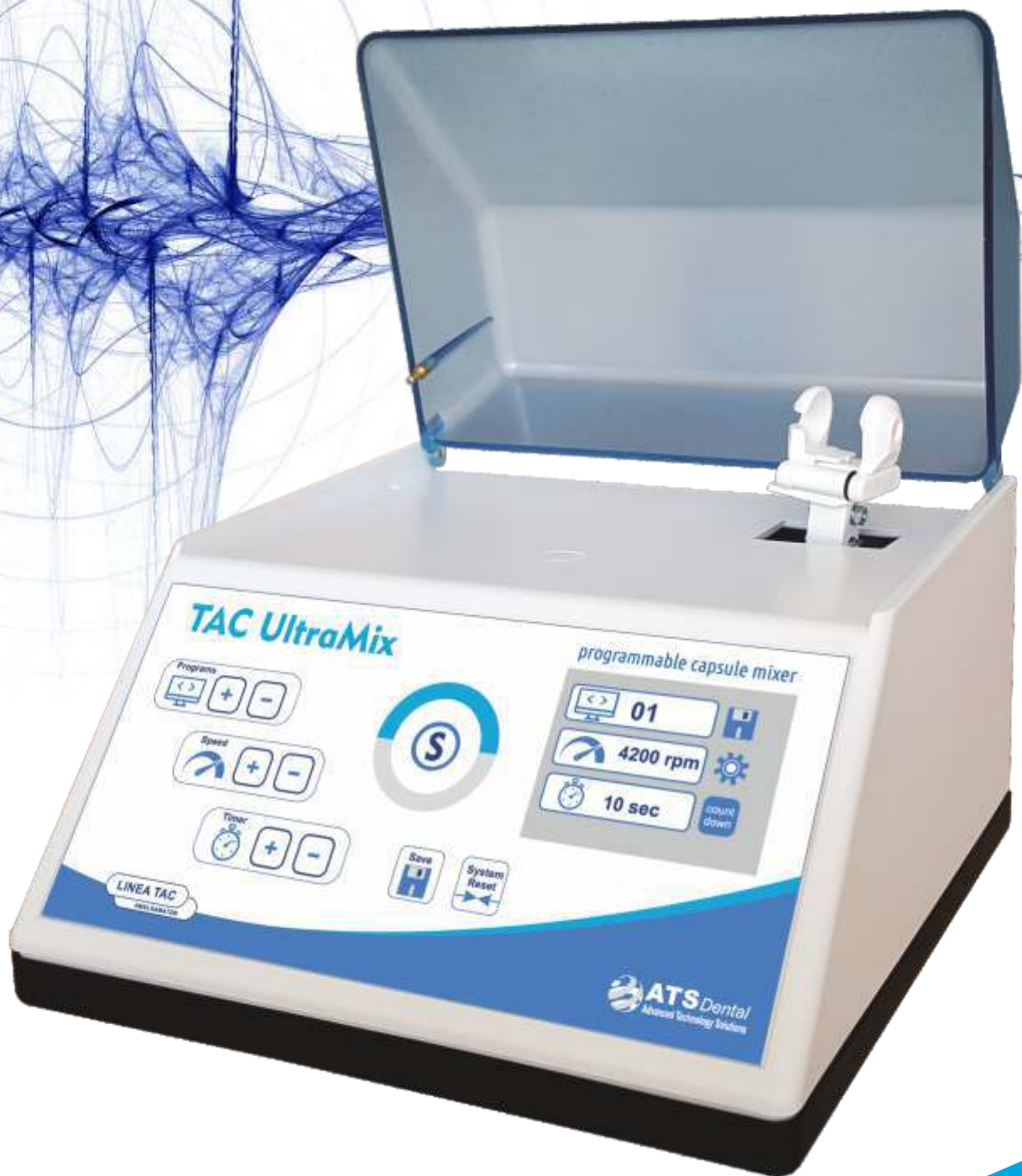


TAC UltraMix

LINEA TAC

AMALGAMATOR

fully computerized
and programmable capsule mixer



Mixing.Strong.Always

TAC UltraMix

LINEA TAC

AMALGAMATOR

fully computerized and programmable capsule mixer

Features and Benefits

TAC UltraMix is a modern universal mixing device for amalgam, glass ionomer cements and other predosed dental materials in capsules and injection capsules. This well-engineered and powerfull unit has a reliable **«speed and time control»**. The microprocessor controls:

- **«10 Programs»**
- **«Speed»** that can be adjusted **from 3200 rpm to 6000 rpm**
- **«Time»** that can be adjusted **from 0 to 99 seconds**.

Cycles per minute are continuously verified.

«S»

- mixing Start

«Programs»

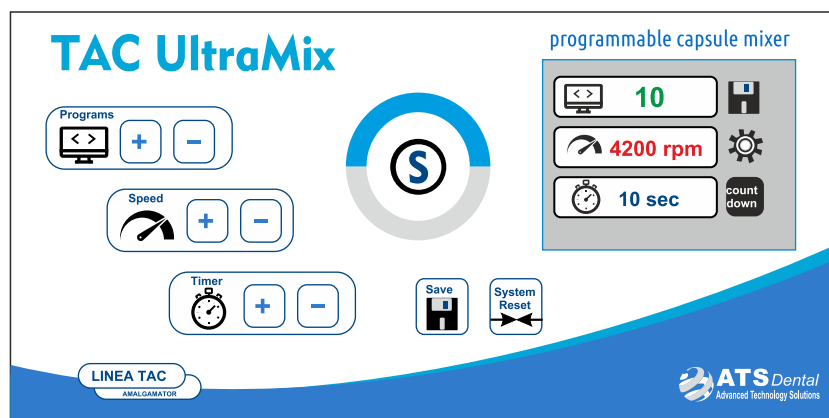
- Scrolls through the program
- Choice of 10 programs

Speed

- Sets the rpm. Motor speeds from 2600 to 6000 rpm

Timer

- Sets the time: from 1 to 99 sec.



«Graphic Display»

- clearly displays program in use, speed and time

«Save»

- save values of the programs 1-10

«System Reset»

- set all the values to the default parameters

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

The 2600 - 6000 rpm speed range ensures the most complete mixing possible

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

It goes to 0 to set 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.

Model	Code	Description
TAC-UltraMix	TAC UTX	Fully computerized and programmable capsule mixer

TECHNICAL DATA

Model	TAC-UltraMix	Class MD	I rule 12 in Annex IX 93/42/EEC
Dimensions	300x220x170	Console	IP21
Materials	ABS	7488 Classification	Type 2
Noise	< 65 dBA	Operating Mode	30" ON - 180" OFF
Supply Voltage	AC 100-240V out 30V	Max Working Time	30'
Frequency	50/60 Hz	Fuses	1xT2.0A 250V

Reinforced Carbon-Fiber Arms



TAC 400/M

LINEA TAC

AMALGAMATOR

computerized
and programmable capsule mixer



Mixing.Strong.Always

TAC 400/M

LINEA TAC

AMALGAMATOR

computerized and programmable capsule mixer

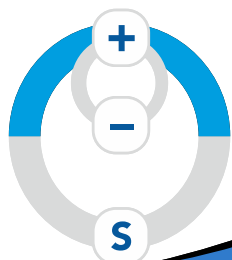
Features and Benefits

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

- «10 Programs»
- «Speed» 4200 rpm
- «Time» that can be adjusted **from 1 to 99 seconds**.

TAC-400M

programmable capsule mixer



LINEA TAC

AMALGAMATOR

M

ATS Dental
Advanced Technology Solutions

«LED Display»

- displays program in use and time

«M»

- changes 10 programs

«+ -»

- changes mixing times

«S»

- mixing Start

Reinforced Carbon-Fiber Arms



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

4200 rpm speed range ensures the most complete mixing possible

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

It 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.



Model	Code	Description
TAC 400-M	TAC 1003	Computerized and programmable capsule mixer

TECHNICAL DATA

Model	TAC-400M	Class MD	I rule 12 in Annex IX 93/42/EEC
Dimensions	300x220x170	Console	IP21
Materials	ABS	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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