



**HI
TECH** ENDO

ATS DENTAL

ENDO MOTOR

The Future is...now



**FORM AND FUNCTION
PERFECTLY MIXED**

- **GRAPHIC DISPLAY**
- **Light and Compact**
- **Highly Versatile**
- **Easy and fast access to all Settings**
- **Color Code Buttons**



RECIPROCATING MOVEMENT

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

SIMPLICITY
EFFICIENCY
SAFETY

- a simplified protocol decreasing the number of files sequences (only 1 or 2 files needed)
- low screwing effect - Decreases the global shaping time and creates a more central canal
- 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

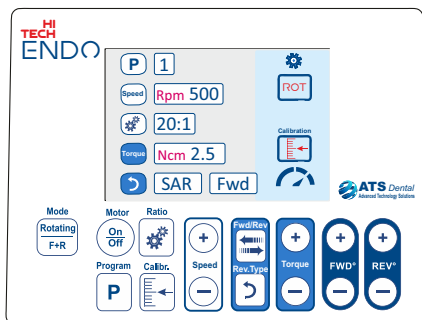


PRECISION AND RAPIDITY

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

OPEN SYSTEM

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



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

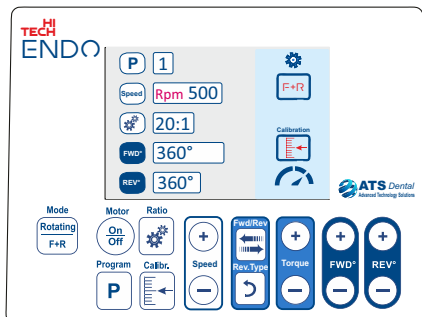
6:1 contra-angle = 150 to 1600 rpm



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

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

