

# HI TECH ENDO

**new ENDOMOTOR in:**  
- «Reciprocating» F+R Function  
- «Continuous Rotary mode» with «SAR»



**OPEN TO ALL FILE SYSTEMS!**

**CA  
16:1**

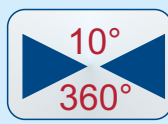


**Available with  
Endo Contrangle 16:1**

**«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



# HI TECH ENDO

## 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

Stop → RE-Step on the foot pedal

**2. STANDARD**  
Runs in reverse rotation

Stop → RE-Step on the foot pedal

**3. SPECIAL**  
Returns automatically in Forward

Stop → Automatically



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



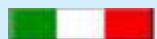
Torque with a:  
16:1 contra-angle = 0,5 to 10 Ncm (Max)  
6:1 contra-angle = 0,5 to 4,1 Ncm (Max)



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

## Reciprocating

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

