



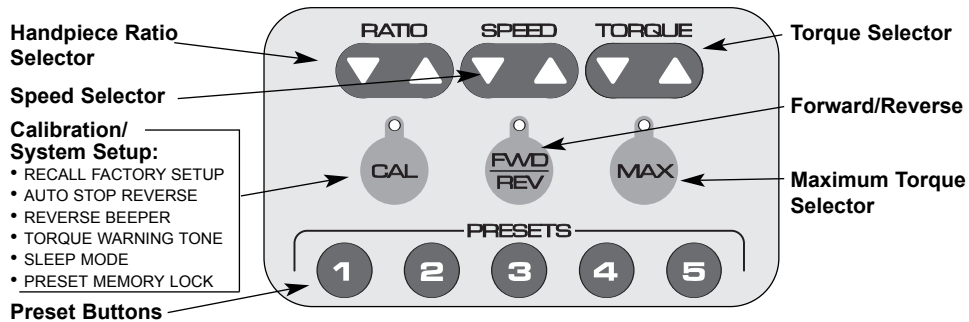
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Endo



**Quick Reference Guide \***

**Control Panel Functions:**



**Initial out-of-box startup:** Select default handpiece; TUL = Tulsa or AG = Anthogyr. It is important to select correct handpiece for the system to control speed and torque accurately.

**Calibration Procedure:** Connect motor and handpiece to system. Secure a file into handpiece and ensure that latch or collet is closed. Press & release CAL button. To ensure torque accuracy, calibrate system daily. **WARNING:** During the calibration operation, the file will rotate through a preprogrammed speed range.

**Basic Operation:** Select the Preset Button corresponding to the endodontic rotary file series you are using. By default, the Endo DTC's preset buttons are set for the file series shown below. Pressing the Preset Button repeatedly will cycle through the individual files listed below each series name.

**System Setup:** Enter the System Setup menu by holding down the CAL button for 1 second.

**Default Preset Chart**

<p><b>Preset Button 1</b> Default File Series: DENTSPLY Tulsa Dental ProFile® GT® Files - 20 Series Yellow File #1: ProFile GT Accessory 70, 50, 35/.12 File #2: ProFile GT Yellow 20 Series, .10 and .08 taper File #3: ProFile GT Yellow 20 Series, .06 and .04 taper</p>	<p><b>Preset Button 4</b> Default File Series: DENTSPLY Tulsa Dental ProTaper™ Files File #1: ProTaper SX and S1 File #2: ProTaper S2 and F1 File #3: ProTaper F2 and F3</p>
<p><b>Preset Button 2</b> Default File Series: DENTSPLY Tulsa Dental ProFile GT Files - 30 Series Blue File #1: ProFile GT Accessory 70, 50, 35/.12 File #2: ProFile GT Blue 30 Series, .10 and .08 taper File #3: ProFile GT Blue 30 Series, .06 and .04 taper</p>	<p><b>Preset Button 5</b> Default File Series: DENTSPLY Tulsa Dental ProFile GT and ProFile GT .04 Taper File #1: ProFile GT Accessory 70, 50, 35/.12 File #2: ProFile GT 20 Series .10 Taper &amp; .08 Taper File #3: ProFile GT 20 Series .06 Taper &amp; ProFile GT 35 Series .04 Taper File #4: ProFile GT 30 Series .04 Taper &amp; ProFile GT 25 Series .04 Taper File #5: ProFile GT 20 Series .04 Taper</p>
<p><b>Preset Button 3</b> Default File Series: DENTSPLY Tulsa Dental ProFile GT Files - 40 Series Black File #1: GT Accessory 70, 50, 35/.12 File #2: GT Black 40 Series, .10 and .08 taper File #3: GT Black 40 Series, .06 and .04 taper</p>	

To use an Access Bur with a 1:5 increaser: Use HP RATIO SELECTOR to select appropriate ratio. Speed will change to 150,000 RPM.

\* Refer to Operation Manual for advanced features and programming.

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Chart 3 - Endo DTC File Library Settings

<b>GT® Acc. &amp; 20 Series YELLOW</b>		
File Size	Speed (RPM)	Torque (g-cm)
GT ACC 90, 70, 50, 35/12	500	700
GT YEL 20/10 & 20/08	300	312
GT YEL 20/06 & 20/04	300	174

<b>GT Acc. &amp; 30 Series BLUE</b>		
File Size	Speed (RPM)	Torque (g-cm)
GT ACC 90, 70, 50, 35/12	500	700
GT BLU 30/10 & 30/08	300	347
GT BLU 30/06 & 30/04	300	208

<b>GT Acc. &amp; 40 Series BLACK</b>		
File Size	Speed (RPM)	Torque (g-cm)
GT ACC 90, 70, 50, 35/12	500	700
GT BLK 40/10 & 40/08	300	405
GT BLK 40/06 & 40/04	300	230

<b>PROTAPER®</b>		
File Size	Speed (RPM)	Torque (g-cm)
PROTAPER SX & S1	300	520
PROTAPER S2 & F1	300	150
PROTAPER F2 & F3	300	312

<b>GT/PROFILE .04</b>		
File Size	Speed (RPM)	Torque (g-cm)
GT ACC 90, 70, 50, 35/12	500	700
GT 20/10 & GT 20/08	300	312
GT 20/06 & PF 35/04	300	132
PF 30/04 & PF 25/04	300	104
PF 20/04	300	75

<b>PROFILE® S29® 06 TAPER</b>		
File Size	Speed (RPM)	Torque (g-cm)
PF S29 06 SIZE 7 & 6	300	368
PF S29 06 SIZE 5 & 4	300	290
PF S29 06 SIZE 3 & 2	300	195

<b>PROFILE S29 04 TAPER</b>		
File Size	Speed (RPM)	Torque (g-cm)
PF S29 04 SIZE 7 & 6	300	132
PF S29 04 SIZE 5 & 4	300	104
PF S29 04 SIZE 3 & 2	300	75

<b>PROFILE ISO 06 TAPER</b>		
File Size	Speed (RPM)	Torque (g-cm)
PF ISO 40/06 & 35/06	300	368
PF ISO 30/06 & 25/06	300	290
PF ISO 20/06 & 15/06	300	195

<b>PROFILE ISO 04 TAPER</b>		
File Size	Speed (RPM)	Torque (g-cm)
PF ISO 40/04 & 35/04	300	132
PF ISO 30/04 & 25/04	300	104
PF ISO 20/04 & 15/04	300	75

<b>PROFILE OS</b>		
File Size	Speed (RPM)	Torque (g-cm)
PF OS SIZE 6 & 5	300	510
PF OS SIZE 4 & 3	300	400
PF OS SIZE 2 & 1	300	256

<b>LEXICON™ GATES V 1.20</b>		
File Size	Speed (RPM)	Torque (g-cm)
LEXICON GATES #6	3000	1000
LEXICON GATES #5	3000	750
LEXICON GATES #4	3000	700
LEXICON GATES #3	3000	400
LEXICON GATES #2	3000	240
LEXICON GATES #1	3000	150

<b>ITR™ EMULATION SERIES</b>		
File Size	Speed (RPM)	Torque (g-cm)
ACC	500	1000
MAX	300	625
CORONAL	300	250
MID	300	150
APICAL	300	70

<b>X-TIP™</b>		
File Size	Speed (RPM)	Torque (g-cm)
X-TIP	20000	40

<b>PRO-POST® DRILLS</b>		
File Size	Speed (RPM)	Torque (g-cm)
PRO-POST DRILLS	2000	1000

\* S29 represents SERIES 29®

\*\* Lexicon Gates, X-TIP, and Pro-Post Drills are not compatible with 1/16 reduction handpieces, which have a maximum speed of 1800 RPM.