

## Mity PT and Xtreme PT NiTi Rotary Files

RX Only - For Dental Use Only



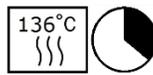
Single  
Use  
Only



Consult  
Instructions  
For Use



Sterilize  
Before  
Use



Autoclave  
Temperature  
and Time



Contains  
Nickel  
Titanium

### Tip Size:

Shaping X (SX) = 19

Shaping 1 (S1) = 17

Shaping 2 (S2) = 20

Finishing 1 (F1) = 20

Finishing 2 (F2) = 25

Finishing 3 (F3) = 30

Finishing 4 (F4) = 35

Finishing 5 (F5) = 45

### Composition

Operative portion of file is composed of nickel titanium alloy.

### Indications for Use

Files are used for the removal of dentin and shaping of the root canal.

### Contradictions

None known.

### Warnings

Files are provided non-sterile and must be sterilized before use. Single use only as re-use increases risk of fracture. This product contains nickel and should not be used for individuals with known allergic sensitivity to this material.

### Adverse Reactions

Files contain nickel which may cause allergic reactions.

### Precautions

- As with all products, exercise caution until you become proficient in its use.
- A slow-speed hand piece is required for rotary file use.
- Operate the hand piece at 300 RPM (Revolutions per minute) with torque settings per torque chart.
- Straight-line access is imperative for proper root canal treatment.
- Always use minimal apical pressure and never force the file down the canal.
- Clean file flutes after each insertion into the root canal and inspect flutes for distortion or wear. Discard if visible.
- Frequently irrigate and lubricate the canal throughout the procedure.
- Exercise caution in the apical area and around significant curvatures.

- Use the SX after S1 and S2 to optimally shape canals in shorter roots, relocate the coronal aspect of canals away from furcation concavities, or to expand the shape as desired.
- These files should only be used in regions of the canal that have a confirmed and reproducible glide path.

### Sterilization

Files must be sterilized before use. ANSI/ADA Specification 28 recommends:

- Scrub the files with soap and warm water
- Rinse thoroughly with distilled or deionized water
- Allow to air dry
- Place the instruments, unwrapped, in the autoclave tray
- Use fresh distilled or deionized water
- Steam Autoclave at 136°C (+/-2°C) for 20 minutes
- Instruments are single patient use only

### Step-by-Step IFU

- Create straight line access to canal orifices.
- Flare the orifice(s) with the SX file.
- Locate canals and explore using small stainless steel hand file. Minimum size #15 hand file required prior to rotary use.
- Verify patency, establish working length and confirm reproducible glide path to apex.
- Using NaOCL, irrigate canals and slowly engage the S1 file following established glide path.
- Use the S1 in a brushing motion until resistance is felt. If file does not reach working length, re-establish patency with stainless steel hand files.
- Use the S2 in the same manner as the S1 until working length is reached.
- Reconfirm working length and use the F1 in a non-brushing motion. If the file is snug and flutes are full of dentin, you can proceed to disinfection and obturation.
- If the F1 is loose and flutes do not have dentin, proceed until snug with F2, F3, F4 and F5 consecutively. Stop when file is snug and flutes full of dentin. (Most canals do not require all files).

### Disposal

Dispose of product in Biohazard Sharps container.

### Torque Chart

Size / Instrument	Mity PT	Xtreme PT
CX and C1	200 g-cm	300 g-cm
C2 and A1	75 g-cm	150 g-cm
A2, A3, A4 and A5	150 g-cm	300 g-cm

