

CLINICAL APPLICATION GUIDE

Similar to hand instrumentation, ultrasonic instrumentation requires a variety of inserts. In any typical hand hygiene set-up, a hygienist will require a variety of anterior and posterior sickles and graceys (includes mini's and after five's) and/or rigid scalers. This wide range of hand scalers is necessary in order to access different areas of the mouth as well as surfaces of the teeth. Ultrasonic instrumentation follows the same principles. You may not require as many inserts as you would hand scalers for a typical setup, however the application of each insert differs depending on it's shape and design.

The clinical application guide below demonstrates which inserts are best suited for particular types of deposits and specific areas of the mouth.

	Stain Removal	Biofilm Removal	SUPRAGINGIVAL		SUBGINGIVAL STRAIGHT ROOT SURFACES		SUBGINGIVAL CURVACEOUS ROOT SURFACES		Tight Interproximal Contacts	Furcation Areas	Implants & Restorations	Ortho Cement	Power Setting	Insert Cross Section
			Light - Moderate Deposits	Moderate - Heavy Deposits	Light - Moderate Deposits	Moderate - Heavy Deposits	Light - Moderate Deposits	Moderate - Heavy Deposits						
FOCUSED SPRAY INSERT - SLIMLINE														
FSI-SLI 10S*		•	•		•					•			Low - Med	●
FSI-SLI 10L*		•	•		•		•	•		•			Low - Med	●
FSI-SLI 10R*		•	•		•		•	•		•			Low - Med	●
FSI-SLI 1000			•		•	•							Low - High	◆
R/L/S - 3PK		•	•		•								Low - Med	●
R/L 2-PK		•	•		•		•						Low - Med	●
THINSERT		•	•		•				•				Low - High	●
FOCUSED SPRAY INSERT - POWERLINE														
FSI-3/PowerLINE	•			•		•						•	Low - High	▬
FSI-1000/PowerLINE 1000	•			•		•							Low - High	◆
FSI-100/PowerLINE 100				•		•	•						Low - High	●
FSI-10/PowerLINE 10				•		•							Low - High	●
FITGRIP INSERT														
FITGRIP FSI-SLI 10S*		•	•		•		•						Low - Med	●
FITGRIP FSI-SLI 10L*		•	•		•		•	•		•			Low - Med	●
FITGRIP FSI-SLI 10R*		•	•		•		•	•		•			Low - Med	●
FITGRIP FSI-SLI 1000		•	•		•		•						Low - Med	◆
FITGRIP FSI-3/PowerLINE	•			•		•						•	Low - High	▬
FITGRIP FSI-1000/PowerLINE 1000	•			•		•							Low - High	◆
FITGRIP FSI-100/PowerLINE 100				•		•	•						Low - High	●
FITGRIP FSI-10/PowerLINE 10				•		•							Low - High	●
FITGRIP THINSERT		•	•		•		•						Low - High	●
SLIMLINE INSERT														
SLI-10S*		•	•		•		•						Low - Med	●
SLI-10L*		•	•		•		•	•		•			Low - Med	●
SLI-10R*		•	•		•		•	•		•			Low - Med	●
P-10				•									Low - High	●
R/L/S 3-PK		•	•		•		•			•			Low - Med	●
THRU FLOW INSERT														
TFI-3	•			•		•						•	Low - High	▬
TFI-10				•		•							Low - Mod	●
TFI-1000				•		•							Low - High	◆
SPECIALTY INSERTS														
SOFTIP	•												Low	●
DIAMOND COAT				•		•		•					Low - High	●

Water Setting - Adjust water setting based on insert selection and power setting. When disrupting biofilm (low - medium power), evidence suggests that the formation of rapid droplets off the tip of the insert helps to maximize ultrasonics effects.
 Power Setting - Power setting ranges are provided as guides. Always select the lowest effective power setting based on clinical need. Low may not always be an effective setting.
 * For cases with significant amounts of moderate or tenacious calculus, repetitive use of these inserts may lead to quicker wearing of the instrument. Be sure to measure your inserts with our insert wear guide frequently.

