

Tip Type	Diameter (µm)	Calibration Factor*	Lengths (mm)	Tissue Types	Power Settings (W)	Water Settings (%)	Air Settings (%)	May be most suitable for the following Indications for Use:
G6	600	1.00	4, 6, 9	Enamel Dentin Bone Soft-Tissue	4.50-6.00 3.00-4.50 1.75-3.50 0.75-2.50	64-80 70-86 30-50 7-11	61-100 60-100 40 2-11	HARD-TISSUE: Cavity preparations I-V, Caries removal, Enameloplasty, Tooth preparation to obtain access to a root canal, Cutting, Shaving, Contouring and resection of oral osseous tissues (bone), Osteotomy, Ostectomy, Osteoplasty, Apicoectomy.
S75	750	1.00	6	Enamel Dentin Bone Soft-Tissue	4.50-6.00 3.00-4.50 1.75-3.50 0.75-2.50	64-80 70-86 30-50 7-11	61-100 60-100 40 2-11	SOFT-TISSUE: Excisional and incisional biopsies, exposure of unerupted teeth, Fibroma removal, Frenectomy and Frenotomy, Gingival troughing, Gingivectomy, Gingivoplasty, Gingival incision and excision, Hemostasis, Implant recovery, Incision and drainage of abscesses, Leukoplakia, Operculectomy, Oral papillectomies, Reduction of gingival hypertrophy, Soft tissue crown lengthening, Treatment of canker sores, Vestibuloplasty, Removal of pathological tissues, Incision and drainage of periapical abscesses.
Z6	600	.90	6, 9, 14	Enamel Dentin Bone Soft-Tissue	4.50-6.00 3.00-4.50 1.75-3.50 0.75-2.50	64-80 70-86 30-50 7-11	61-100 60-100 40 2-11	HARD-TISSUE: Excavation of pits and fissures for placement of sealants, Removal of incipient caries.
T4	400	.90	6	Enamel Dentin Soft-Tissue	1.50-2.50 0.75-1.25 0.25-0.50	64-80 70-86 7-11	61-100 60-100 2-11	SOFT-TISSUE: Gingivoplasty, Gingivectomy, Operculectomy, Gingival troughing, Frenectomy, Excision of soft tissue lesions, Full, partial and split thickness flap preparation, Removal of pathological tissues, Incision and drainage of periapical abscesses.
Z2	200	0.30	14, 18, 20, 22, 25, 28, 33	Dentin/ Root Canal Soft Tissue	0.75-1.50 0.25-0.75	24 7-11	34 2-11	HARD-TISSUE: Root canal preparation including enlargement, Root canal debridement and cleaning.
Z3	320	0.60	9, 14, 18, 20, 22, 25, 28	Dentin/ Root Canal Soft Tissue	0.75-1.50 0.25-0.75	24 7-11	34 2-11	SOFT-TISSUE: Pulpotomy, Pulp extirpation, Pulpotomy as an adjunct to root canal therapy.
C3	300 x 1200	1.00	9	Enamel Dentin Bone Soft-Tissue	4.50-6.00 3.00-4.50 1.75-3.50 0.75-2.50	64-80 70-86 30-50 7-11	61-100 60-100 40 2-11	HARD-TISSUE: Cavity preparations I-V, Caries removal, Enameloplasty, Tooth preparation to obtain access to a root canal, Cutting, Shaving, Contouring and resection of oral osseous tissues (bone), Osteotomy, Ostectomy, Osteoplasty, Apicoectomy.
C6	600	1.00	4, 6, 9	Enamel Dentin Bone Soft-Tissue	4.50-6.00 3.00-4.50 1.75-3.50 0.75-2.50	64-80 70-86 30-50 7-11	61-100 60-100 40 2-11	SOFT-TISSUE: Excisional and incisional biopsies, exposure of unerupted teeth, Fibroma removal, Frenectomy and Frenotomy, Gingival troughing, Gingivectomy, Gingivoplasty, Gingival incision and excision, Hemostasis, Implant recovery, Incision and drainage of abscesses, Leukoplakia, Operculectomy, Oral papillectomies, Reduction of gingival hypertrophy, Soft tissue crown lengthening, Treatment of canker sores, Vestibuloplasty, Removal of pathological tissues, Incision and drainage of periapical abscesses.
C12	1200	1.00	9	Enamel Dentin Bone Soft-Tissue	4.50-6.00 3.00-4.50 1.75-3.50 0.75-2.50	64-80 70-86 30-50 7-11	61-100 60-100 40 2-11	HARD-TISSUE: Cavity preparations I-V, Caries removal, Hard Tissue roughening or etching, Enameloplasty, Tooth preparation to obtain access to a root canal, Cutting, Shaving, Contouring and resection of oral osseous tissues (bone), Osteotomy, Ostectomy, Osteoplasty and Osseous re-contouring, Culling bone to prepare a window access to the apex (apices) of the root (roots).

TIP STERILIZATION PARAMETERS

Sterilization	Temperature	Minimum Time	Drying Time
Gravity displacement	132°C (270°F)	15 minutes	15 - 30 minutes
Dynamic-Air-Removal (Pre-Vacuum)	132°C (270°F)	4 minutes	20 - 30 minutes
	134°C (EU only)	4 minutes	20 - 30 minutes

*CALIBRATION FACTOR:

Actual power emitted from tip = power displayed on laser panel multiplied by the calibration factor T4 tips above P = 2.5 W

WARNINGS:

Do NOT operate Z tips without air and water spray, or the Z2 and Z3 tips above P = 2.5 W

Do NOT operate with straight handpiece

Do NOT operate any tips above P = 4 W

CAUTION:

If a reduction in cutting efficiency occurs, replace the tip. Failure to replace the tip correctly could result in damage to the tip or the mirror. The tips have limited lifetimes, therefore damage attributed to overuse of the disposable tip may not be covered by warranty.

IMPORTANT:

Only licensed professionals who have successfully completed training should use this device. Always start treatment at the lowest power setting and increase as required. Closely observe the clinical effects and use your judgment to determine the aspects of the treatment (technique, proper power settings, air and water settings, tip type and duration of operation) and to make appropriate adjustments to compensate for varying tissue composition, density and thickness.

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