

PULSED LASER APPLICATIONS

Industrial Cleaning | Coating Removal | Surface Preparation

APC vs AGC CLEANING SYSTEMS

Top Hat vs Gaussian Beam Comparison

Category	APC (Top Hat)	AGC (Gaussian)
Beam Profile	Flat / uniform	Peaked center
Spot Size	Larger (~80–120µm)	Smaller (~40–60µm)
Aggression Control	More forgiving	More sensitive
Best Use	Heavy cleaning / paint	Precision / oxide / finish
Heat Risk	Lower	Higher (if misused)
Frequency Use	Lower freq common	Higher freq usable
Operator Skill	Easier	Requires tuning
Finish Quality	Good	Excellent

Settings Behavior

Mode	APC Typical	AGC Typical
Heavy	Low freq / wide line	Low freq / tighter control
General	Mid freq stable	Mid freq balanced
Fine	Limited	High freq strong

AGC and APC Systems

