

## Laser Technology Comparison: Quanta Q+C vs. Standard Systems

Feature	Quanta Q+C	Typical Handpiece Systems
Wavelength Delivery	True laser modules (1064nm, 532nm, 694nm)	Simulated via dye handpieces
Power Output per Wavelength	Full power at each wavelength	Reduced due to beam splitting
Pulse Duration	6 ns nanosecond pulses	Longer or inconsistent
Peak Power	Up to 320 Megawatts	Lower, less effective
Color Range Treated	All ink colors including blues/greens	Struggles with blues/greens/purples
Beam Profile	Flat-top square beam	Round beam, less consistent
Skin Safety	Low risk of scarring or pigment change	Higher risk of side effects
Number of Sessions	Fewer sessions needed	More sessions typically required
Suited for All Skin Tones	Yes	Limited on some skin types