

**Q SWITCHED Nd:YAG Laser Comparison Chart (Source : Company Catalogue)**

Specifiation	IRIS	IRIS S+	ALMA Q	Medlite C6	HELIOS 3	TRIBEAM Premium	SPECTRA XT
Q Switch Mode 1064nm Single Pulse Energy	1600mj (5-10ns)	1200mj (5-10ns)	1200mj (7ns)	1200mj (5-20ns)	1300mj (5-10ns)	1200mj (5-10ns)	1200mj (5-10ns)
Q Switch Mode 532nm Single Pulse Energy	500mj (5-10ns)	300mj (5-10ns)	450mj (7ns)	1400mj @ 6mm SPOT (5-20ns)	500mj (5-10ns)	450mj (5-10ns)	400mj (5-10ns)
Q Switch Mode 1064nm Double Pulse Energy (PTP)	2000mj (BLUETONNING)	1600mj (BLUETONNING)	2000mj (Double Pulse)	2000mj (PTP)	2000mj (RTP)	1600mj (PTP)	2000mj (PTP)
Q Switch Mode 532nm Double Pulse Energy (PTP)	NA	300mj (GREENTONNING)	700mj (Double Pulse)	1100mj @3mm SPOT	600mj (RTP)	NA	NA
Q Switch Mode 585nm Single Pulse	400mj	NA	270mj also Double Pulse Available	Available	NA	NA	Available
Q Switch Mode 650nm Single Pulse	Available	NA	220mj also Double Pulse Available	Available	NA	NA	Available
Long Pulse and Quasi Long Pulse Mode	2200-3000mj SLP (300us)	2000mj SLP (300us)	30J Long Pulse(10-60ms) & 4000mj(400us) QLP	NA	3000mj FR(300us)	1500mj Gaussain & 3500mj QLP (300us)	1500mj Spectra Mode (300us)
Hand Piece & Spot Size	Zoom Collimator 2-10mm	Zoom Collimator 2-10mm	Focus 1-7mm & Collimated	1-8mm	Zoom 8mm Collimator 2-7mm	Zoom Collimator 2-10mm	Zoom Collimator 2-10mm
	532 Fractional 4 or 7mm	532 Fractional 4 or 7mm	Homo Genius 3&5mm	532 lite 2mm	532 Fractional	532 Fractional	532 Fractional
	1064 Fractional 4 or 7mm	1064 Fractional 4 or 7mm	Yes 7mm fractional	NA	1064 Fractional	1064 Fractional	1064 Fractional
	585nm Gold	NA	585nm Gold	585nm Gold	NA	NA	585nm Gold
	650nm Ruby	NA	650nm Ruby	650nm Ruby	NA	NA	650nm Ruby
Pulse Rate	1-15HZ	1-15Hz	1-10Hz	1-10Hz	1-10Hz	1-20Hz (Pulse/sec)	1-10Hz
Beam Profile	Super Hive Flat Mode (Top Hat)	Super Hive Flat Mode (Top Hat)	Homo Genius	Flat Top Beam	Flat Top Beam	Flat Top Beam	Flat Top Beam
AUTO Service Manegment	WIFI Ethernet	WIFI Ethernet	NA	NA	NA	NA	NA
Manufacturer	BLUECORE (SOUTH KOREA)	BLUECORE (SOUTH KOREA)	ALMA, GERMANY	CYNASURE, USA	LASEROPTEK (SOUTH KOREA)	JEISYS (SOUTH KOREA)	LUTRONICS (SOUTH KOREA)