

Laser Lamps: Flash Lamps and Arc Lamps

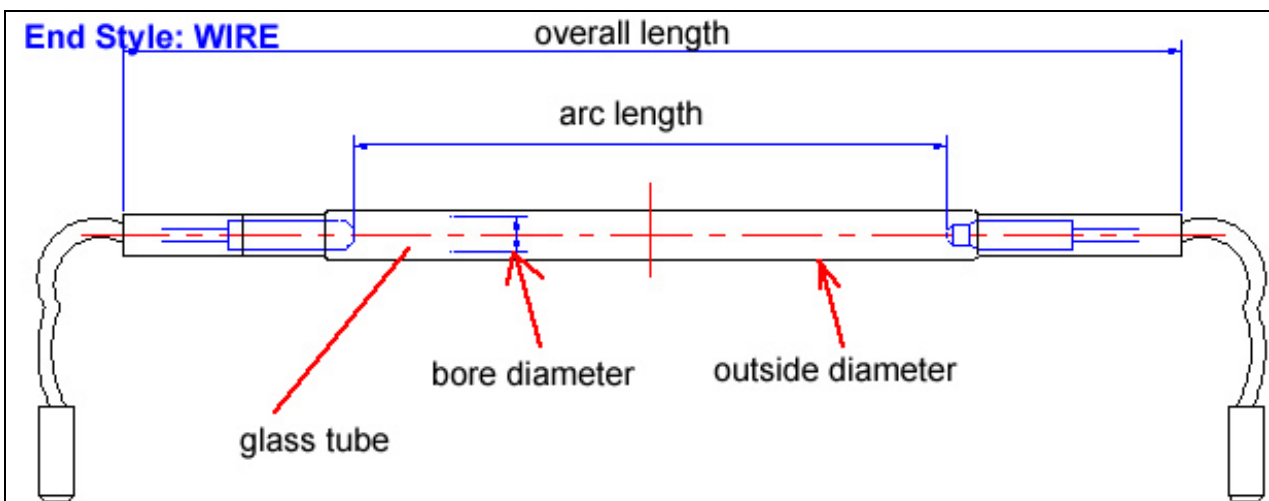
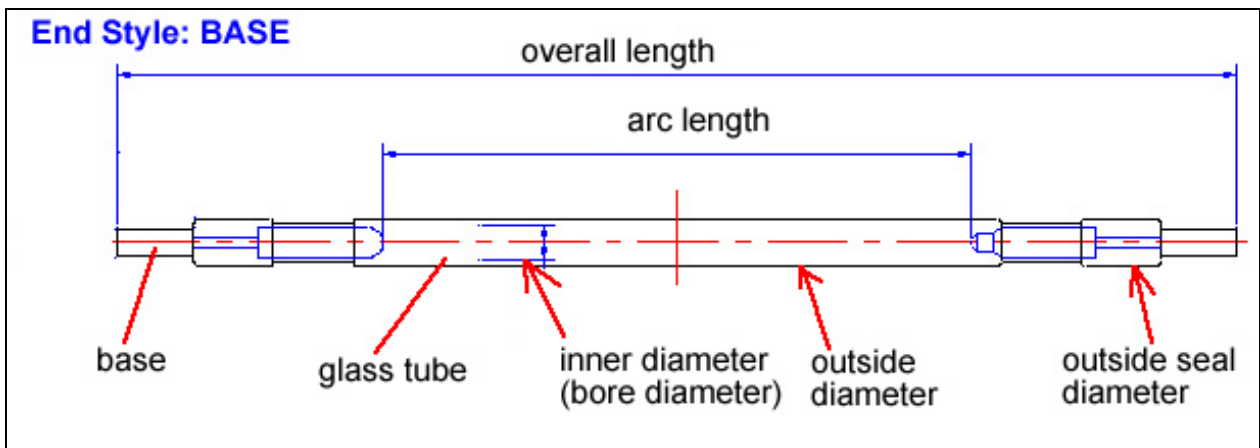
Laser lamps are mercury-free gas discharge lamps used to pump solid-state lasers in many laser applications like welding, cutting and marking. They are especially suitable for high-power lasers or lasers with high precision requirements.

Also for non-laser applications like IPL hair removal, ultraviolet (UV) curing, sun simulation and rapid thermal processing of silicon wafers, pulsed laser lamps are increasingly used. Their main advantages in these applications are their broad spectral output and their high powers.



Table of Parameters for Continuous Wave Lamps

Bore(mm)	Maximum W/cm of Arc	Nominal Current (A)	Maximum Current (A)	Minimum Current (A)	Maximum Static Impedance
4	400	20	24	7	1.10
5	520	30	33	10	0.6
6	700	40	46	13	0.41
7	800	50	56	17	0.31
8	930	65	72	20	0.25



1. High Performance CW Arc Lamps for Lasers (Kr gas filled)

CW (continuous wave) lamps are gas discharge lamps that are mainly used in marking lasers and lasers for welding and cutting. We offer CW lamps in a wide range of power and design, either made to customer specification or as standard replacement lamps.

Our CW lamps are widely recognized as the leading product in the market. Because of the unique automated laser lamp manufacturing line, they offer an excellent lamp-to-lamp repeatability. A stronger seal and optimised designs have made longer lifetimes possible.

Model	Bore (mm)	Arc (mm)	OAL (mm)	OD (mm)	Parameters	Equivalent to	Typical laser makers
NL5157	4	50	152	6	115V/20A	QCW614	
ST166	4	76	215	5	155V/20A	NL5057A	Bassel, Rofin
NL5109	4	76	221	6	155V/20A	NL5078	
F157	4	98				NL5130	Electrox
ST5166	4	100	276	6	177V/22A	CP1920, NL5166	Han's Laser
ST6645	4	102	243	5	200V/20A	NL5039	Control Laser
ST209	5	76	215	6			Rofin, Hysol
ST9608	5	84	177	6	155V/30A	NL4462, QCW43, LKA3330, L6542	Lee Laser, Chicago(CLS), Spectra Physics
ST726/1129	5	100		6	162V/30A	ST726, NL5023	Rofin Sinar
NL5113	5	100	219	7	162V/30A	QCW245	FOBA
ST5171	5	100	240	6	170V/30A	CP2310, NL5171	
ST641	5	100	250	6	175V/30A		Han's Laser (T80C)
ST5028	5	102	195	6	175V/30A	NL5028, QCW93 ST9300, ST93	General Scanning, Lee Laser
ST5647	5	120	240	6	170V/30A		
ST256	5	120	270	6	170V/30A		
NL5142	5	121	251	7		LL1313	Spectron
STXF889	6	100	190	8			Baasel
ST8280	6	100	204	7	158V/40A		Laserscope Lyra
NL547	6	100	300	8	152V/40A	P2008E, CW190	NEC
NL5121	6	150	250	8	200V/40A		Nihon Welding
ST5018	6	150	350	8	200V/40A	NL5018	
ST8142		97	188	8		(WIRE)	
STJK310	8	145	270	9.2			
ST8000	8	165	256	9	255V/50A		500W laser

STK Series Krypton Lamps

Description of model number: STKxxx-yyy-zzz-Waaa or STKxxx-yyy-zzz-DxL

STK – Kr lamp

xxx – outside diameter (In general, the thickness of the glass tube is 1mm)

yyy – arc length

zzz – over all length

W -- WIRE end style (no W means BASE end style), aaa is the wire length

DxL – diameter and length of BASE if the end is BASE.

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	BASE (dia.xlength)
STK-6.5x100x250-4x8	4.5	6.5	100	250	4x8
STK-6.5x100x270-4x10	4.5	6.5	100	270	4x10
STK-6.5x125x270-4x10	4.5	6.5	125	270	4x10
STK-7x100x210-4x8	5	7	100	210	4x8
STK-7x100x250-4x8	5	7	100	250	4x8
STK-7x125x270-4x10	5	7	125	270	4x10
STK-8x95x214-5x7	6	8	95	214	5x7
STK-8x100x235-5x8	6	8	100	235	5x8
STK-8x100x250-5x10	6	8	100	250	5x10
STK-8x100x256-5x10	6	8	100	256	5x8

STK-8x100x270-5x10	6	8	100	270	5x10
STK-8x100x288-5x10	6	8	100	288	5x10
STK-8x120x260-5x8	6	8	120	260	5x8
STK-8x120x264-5x10	6	8	120	264	5x10
STK-8x125x270-5x10	6	8	125	270	5x10
STK-8x125x280-5x10	6	8	125	280	5x10
STK-8x150x288-5x8	6	8	150	288	5x8
STK-8x150x290-5x8	6	8	150	290	5x8
STK-8x100x210-5x8	6	8	100	210	5x8

2. High Performance Pulse Flashlamps for Lasers

Flash lamps are gas discharge lamps that are used in many applications. By far the most demanding of these is the optical pumping of lasers. The high optical power per pulse requires the best materials and designs to achieve long lifetimes. We manufacture customized flash lamps in a wide range of power and design as well as standard replacement lamps.

With an innovative technology that optimizes the quartz glass envelope, gas fill and electrode design, our flash lamps combine high pulse energy and very long lifetime. Automated manufacturing ensures constant quality through minimized tolerances.

For cosmetic pulsed light applications like hair removal and skin rejuvenation, specially designed flash lamps are available. Also for flash lamp applications like UV curing and sun simulation, we work closely with customers to design the optimum lamp.

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	Gas	End Style	Equivalent to	Remark
ST7047	4	5	48	108	Xe	4.75x10		Continuum, Quantel, Hoya
STXF158	4	6	75	165	Xe, 450 torr	BASE	QXF158	
STK479	4	6	76		Xe, 700 torr	WIRE		Laservall
ST5712	5	7	31	90	Xe, 600PSI	BASE	AQL5712	for acne treatment or hair removal
ST2821	5	7	50	110	Xe, 450 torr	5x10	P2821	
ST7030	5	7	102	204	Xe, 3atm	BASE	NL7030	
STXF789	5	7	120	246	Xe	5x13		
ST1500	6	7	45	105	Xe, 450 torr	BASE	QXF1334	Quanta System
F275	6	8	50.8	155	Xe, 450 torr	BASE		
ST800	6	8	100	190	Xe, 450 torr	4.75x13		
ST9764	6	8	100	246	Xe, 450 torr	BASE	P2015A STQXF337	NEC
STPL50	6	8	102			WIRE		Laservall
ST9751	7	9	102	220	Xe, 450 torr	BASE		Miyachi
ST7000	8	9	170	256	Xe,	5.8x12		
ST9762	8	10	150	298	Xe, 450 torr	BASE	P2014 STQXF345	NEC
F292	8	10	189	333	Xe, 450 torr	BASE	P2021	NEC
ST5618	8		5				NL7083, AQH5618	Plasmalite

STX Series Xenon Lamps

Description of model number: STXxxx-yyy-zzz-Waaa or STXxxx-yyy-zzz-DxL

STX – Xe lamp

xxx – outside diameter (In general, the thickness of the glass tube is 1mm)

yyy – arc length

zzz – over all length

W -- WIRE end style (no W means BASE end style), aaa is the wire length

DxL – diameter and length of BASE if the end is BASE.

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	BASE (dia.xlength)	User
STX-5x75x140-3x5	4	5	75	140	3x5	
STX-7x70x150-4x5	5	7	70	150	4x5	
STX-7x100x210-4x8	5	7	100	210	4x8	
STX-7x100x186-4x8	5	7	100	186	4x8	
STX-8x85x178-5x17	6	8	85	178	5x17	
STX-8x90x190-5x13	6	8	90	190	5x13	
STX-8x90x220-5x8	6	8	90	220	5x8	
STX-8x90x240-5.5x8	6	8	90	240	5.5x8	
STX-8x95x237-6x8-B	6	8	95	237	6x8	Lelee Laser
STX-8x100x200-5.5x8	6	8	100	200	5.5x8	
STX-8x100x230-5x8	6	8	100	230	5x8	
STX-8x100x250-5x8	6	8	100	250	5x8	
STX-8x100x256-5x8	6	8	100	256	5x8	
STX-8x100x288-5x10	6	8	100	288	5x10	
STX-8x110x250-5x8	6	8	110	250	5x8	
STX-8x120x240-5x8	6	8	120	240	5x8	
STX-8x120x260-5x8	6	8	120	260	5x8	
STX-8x140x280-5x8	6	8	140	280	5x8	
STX-8x150x297-5x10	6	8	150	297	5x10	
STX-9x130x264-6x8	7	9	130	264	6x8	
STX-9x280x390-6x8	7	9	280	390	6x8	
STX-10x45x125-6.5x5	8	10	45	125	6.5x5	

3. IPL Lamps

Model	Bore (mm)	OD (mm)	Arc (mm)	Quartz, Lamp & End type type	Typical IPL maker & system or equivalent to, Application
ST670	3		25	CFQ, XFP	
ST1601	3	5	35.5	CFQ, XFP, WIRE	
ST2026	4		50	CFQ, XFP	Sciton, Hair removal & skin rejuvenation
ST7081 (=ST1062)	4	6	50	CFQ, XFP, BASE	DDD, Ellipse, Hair removal
ST7079 (=ST1062)	4	6	50	CFQ, XFP, BASE	Energies, Hair removal
ST7080 (=ST1062)	4	6	50	CFQ, XFP, BASE	Equinox, Light Touch, Hair removal
ST7081 (=ST1062)	4	6	50	CFQ, XFP, BASE	Greenton, Hair removal
ST6990	4		61	CFQ, XFP	
ST7084	5	6	16	CFQ, XFP, BASE	MBC, Plasmalite, Skin rejuvenation
ST7088	5		16	CFQ, XFP	MBC, Plasmalite, Skin rejuvenation
ST7083	5	6	18	CFQ, XFP, BASE	MBC, Plasmalite, Hair removal & skin rejuvenation
ST7087	5		18	CFQ, XFP	MBC, Plasmalite, Hair removal & skin rejuvenation
ST7086 (=ST7082)	5	6	20	CFQ, XFP, BASE	MBC, Plasmalite, Hair removal
ST7082 (=ST7086)	5		20	CFQ, XFP	MBC, Plasmalite, Hair removal
ST5712	5	7	31	CFQ, XFP, BASE	Med-Op, Hair removal
ST5712G	5	7	38	CFQ, XFP, BASE	Med-Op, Hair removal
ST2253	5		45	CFQ, XFP	Primary Technology, Hair/skin treatments
STX7x45x90-W	5	7	45	CFQ, XFP, WIRE	P3096, Hair removal
ST2305	5		48	CFQ, XFP	Palomar, Hair/skin treatments
ST-1906-1	5	7	48	CFQ, XFP, WIRE	Syntechlaser, Apollo III, Hair removal
ST2306/8667	5	7	50	CFQ, XFP, WIRE	Palomar, Hair/skin treatments
STX7x50x125-W	5	7	50	CFQ, XFP, WIRE	Hair removal
ST26	5	6	50	Xenon, BASE	Biofarm Dealite, L36
ST2216 (ST2237)	5	7	76	CFQ, XFP, WIRE	Lumenis, Epilight, Vasculite, Photoderm
ST9862-700	6	7	36	CFQ, XFP, WIRE	
ST-1907-1	6	7	36	WIRE	Sharplight, Beamax, Hair removal
ST3028	6	7	38	CFQ, XFP, WIRE	Hair removal
ST2125	6		50	CFQ, XFP	Active Beauty
ST2307	6		50	CFQ, XFP	Lord Ingenierie, Hair removal
ST2308	6		50	CFQ, XFP	Lord Ingenierie, Hair removal

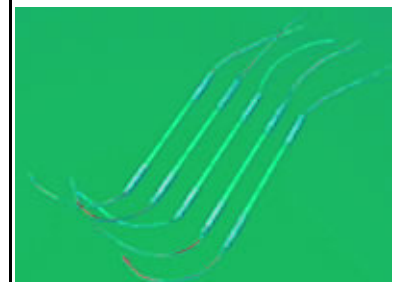
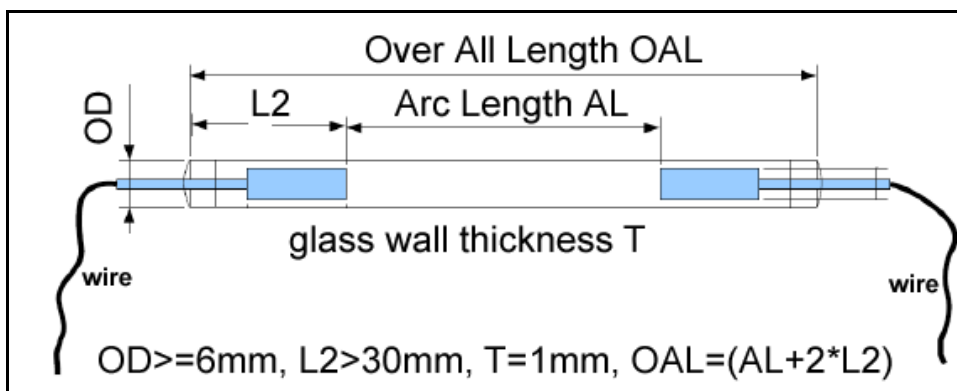
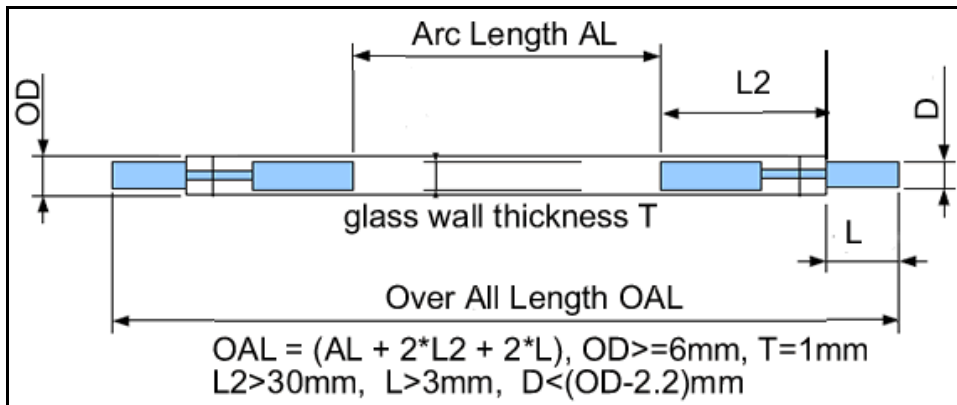
ST2252	6		50	CFQ, XFP	Primary Technology, Hair/skin treatments
ST3560	6	7	50	Xenon, WIRE	Biofarm, Biotec X-lite, F356
STXF486	6	7	52	Xenon, WIRE	Sybaritic NannoLight, STXF486

CDQ - UV absorbing Cerium doped quartz; XFP - Xenon gas filled

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	BASE (DxL, mm)
STX-6.5x50x116-3x4	4.5	6.5	50	116	3x4
STX-6.5x50x130-4x8	4.5	6.5	50	130	4x8
STX-6.5x50x180-4x8	4.5	6.5	50	180	4x8
STX-6.5x70x135-W	4.5	6.5	70	135	WIRE
STX-6.5x70x180-4x8	4.5	6.5	70	180	4x8
STX-7x50x116-3x4	5	7	50	116	3x4
STX-7x60x125-4x8	5	7	60	125	4x8
STX-7x60x156-4x8	5	7	60	156	4x8
STX-7x75x160-4x8	5	7	75	160	4x8
STX-7x100x184-4x8	5	7	100	184	4x8
STX-7x100x186-4x8	5	7	100	186	4x8
STX-9x70x140-4x5	7	9	70	140	4x5

Remark: 1) UV absorbing cerium doped quartz is used in the STK series lamps.
2) End style WIRE is available upon request.

For STX and STK series lamps, please refer to the following figure to tell us what you want if you can not find the lamps from the above tables. We may custom-design and –make the lamps for you.



4. Other Lamps

Lamp model	Laser Manufacturer
	AB LASER INC. (ROFIN GROUP)
ST512AS	Baasel 600, 80750-005, 131100029, 209-08890
ST601S	Baasel 601, 80750-006, 131100030, 202-08330
ST166, NL5057A	Baasel 2001, 6000, StarMark SM65, 80750-009, 131100032, 131100054, 209-08891
ST209	Baasel 2001, 6000, StarMark SM90, 80750-008, 131100031, 202-0831
ST700	Baasel StarMark SM150, 80750-029, 131100046, 209-10481
STXF889	Baasel StarCut 10, 4001, BLS27, BLS701, BLS710, BLS720, 80750-026, 131100043
ST9600	Baasel StarWeld Performance, 80750-012, 131100035
ST9615	Baasel StarWeld, 80750-027, 131100044
ST2412	Baasel StarWeld Tool 100W, 80750-043, 131100052
STJK37	Baasel StarWeld 150W, BLS730, 80750-010
ST9674	Baasel StarWeld 250W, 80750-028, 131100132
ST1122	Baasel StarWeld 500W, Xenon
ST1123	Baasel StarWeld 500W, Krypton/Xenon, 80750-031
	ADRON LASER
STQJK96	Adron AYS450
	ADVANCED LASER
ST4462S	Lee Laser Model 712
	AEM Holdings (AEM-Ever Tech)
STXF683	LD310, F450-2
	AESCULAP
ST776	Aesculap Laser Model Vision
STX83	Aesculap – Meditec MCL 29 – Dermablade Er-YAG
	ALCON LASER
ST354	Alcon Surgical model 532
	ALLIED/APOLLO
ST6063	Allied Laser 1610, Krypton, YAG
ST4678	Allied Laser 1610, Xenon, ALEXANDRITE
	ALLTEC
ST5112	Alltec LN30
ST5113	Alltec LN100W
	ALPHA LASER GmbH
STJK281	Pulspower JMM 150
STJK237	Alpha Laser ALS35 (Old Model)
STJK574	Siro Laser ALC35, ALO35, ALS35,
STK394	Siro Laser ALS35S, SL50, SL75, AL75, AL100, ALV100, ALW100, ALM150
STAL200	Alphalaser AL200, 600M130229
STK571	ALW75, ALW1000
	APPLIED PHOTOPHYSICS
STXA108	Applied Laser LR10
STXA109	Applied Laser LR16
	APOLLO
STH2300	Helical Flashlamp for Laser Ruby Rod 3/4" x 3"
STH2600	Helical Flashlamp for Laser Ruby Rod 3/4" x 6", Apollo Model 35
STH2800	Helical Flashlamp for Laser Ruby Rod 1" x 8"
STH2900	Helical Flashlamp for Laser Ruby Rod 1 3/4" x 4"
	ARCOTRONICS

STXF3	B.O.C. Laser Model 203
	ARGES LASER
ST450	Hammerhead 200Hz, F126
	Asclepion Laser Technologies
ST1723 (QXF1150)	Er Yag laser Dermalate
	AUREL
ST512AS	Aurel NAVS2
	BAASEL LASERTECHNIK (ROFIN GROUP)
ST512AS	Baasel 600, 80750-005, 131100029
ST601S	Baasel 601, 80750-006, 131100030
ST166, NL5057A	Baasel 2001, 6000, StarMark SM65, 80750-009, 131100032, 131100054
ST209	Baasel 2001, 6000, StarMark SM90, 80750-008, 131100031
ST700	Baasel StarMark SM150, 80750-029, 131100046
STXF889	Baasel StarCut 10, 4001, BLS27, BLS701, BLS710, BLS720, 80750-026, 131100043
ST9600	Baasel StarWeld Performance, 80750-012, 131100035
ST9615	Baasel StarWeld Performance, 80750-027, 131100044
ST2412	Baasel StarWeld Tool 100W, 80750-043, 131100052
STJK37	Baasel StarWeld 150W, BLS730, 80750-010
ST9674	Baasel StarWeld 250W, 80750-028, 131100132
ST1122	Baasel StarWeld 500W, Xenon
ST1123	Baasel StarWeld 500W, Krypton/Xenon, 80750-031
ST601LL	Baasel 601, 80750-006, 131100030
	BAUBLYS
ST1313	Baublys PCBL4-3, BL150 150W (CW) 120W (Q Switched) Laser AL150
STS27	Baublys BL65, 65W (Q Switched) Laser
ST5129 (=ST5161H)	Baublys BI00, 100W (Q Switched) lase
	BEKO
ST1448	Beko WL-40 Laserstar, Xenon
	BENTZY LASER SERVICES
ST749	Bentzy Multitasking Diamond processing system
	BIG SKY
ST8142	Big Sky Part number 03665515
ST7941	Big Sky CFR400
	BIOPHARM
ST26	Biopharm IPL lamp
ST1061	Biopharm IPL lamp
	BIOS
ST1500	IPL Dual Mode
	Blueshine
ST1500	IPL
	BMI
ST1788	BMI Laser Model LK741 5011
ST164	BMI Lamp Part Number LK535
	BOC
ST201	BOC Laser 201
ST561	BOC Laser 101, 102
STXF3	BOC Laser 203
	CANDELA LASER

ST5233 Candela lamp part number 05-CAN-12-5
ST4665 Candela lamp part number 05-CAN-24-5
ST5501 Candela lamp part number 05-CAN-24-7
ST8511 Candela laser model Gentlelase 9908-02-0408

CHEVAL LASERS

STK329 Cheval 400W laser, 24600L
STJK310 Cheval M-L 005

CHICAGO LASER

ST510S Chicago Laser CLS510
ST512AS Chicago Laser CLS512, CLS37S
ST4522S Chicago Laser CLS 520
ST708S Chicago Laser CLS37W, CLS39, CLS977, CLS 907, CLS960, Lee Laser 708
ST4462S Chicago Laser CLS37W, CLS39, CLS977, CLS907, CLS960, Lee Laser 708

CHROMATIX

STXF4 Chromatix Laser CMX4

CHROMATRON

ST747 Chromatron Laser Model Induwrite
ST767 Chromatron Laser Model Induwrite 2

Chutian Laser

STK-8x100x250-5x10
STK-8x125x270-5x10 50W laser marker
STX-9x130x264-5x10

CLARK-MXR

ST520B Clark Laser Model ORC-1000

CLYXON LASER

ST1341 Clyxon Pulsed Laser, Krypton
ST1531 Clyxon Pulsed Laser, Xenon

COHERENT/COHERENT GENERAL/LASER INC.

ST7668 Coherent Omega 34, Krypton
ST6054 Coherent Omega 34, Xenon
ST7104 Coherent 7900
ST4533 Coherent Antares
ST4669 Coherent Everpulse 11 &14, Hufmann Ind. 0513-002-01
STM14 Coherent M14
STFDB Coherent Model 60
ST8588 Coherent Infinity
ST7734 Coherent Versapulse Medical, 0619-450-01, Ultrafine Er:YAG
ST8114 Coherent Medical
ST7903 Coherent Medical

CONTINUUM/QUANTEL U.S.A.

ST5260 Continuum 203-0007
ST5960 Continuum FL408, 203-0022
ST5961 Continuum YG481, FL410, 203-0023
ST5962 Continuum FL406-04, 203-0001
ST6064 Continuum FL-312 Ruby, 203-0026
ST7045 Continuum Minilite I, Minilite II, 1998 onwards, 203-0039
ST7047 Continuum 203-0041, MiniLite I, Minilite II
ST8007 Continuum PC700-10, TO3-008
ST6213 Continuum FL611-09, PY61C-10 (Amplifier), PY61C-20, 203-0018
ST6358 Continuum FL-315-09, 203-0009
ST6379 Continuum 203-0027
ST6497 Continuum FL310G, 203-0011
ST6802 Continuum SFL312R

ST7383	Continuum FL-312-Glass, 203-0024
ST7716	Continuum Surelite II, Powerlite 7010, 7020, 7030, 8010 (oscillator), 203-0035
ST7886	Continuum Powerlite 9000 Series Amplifier, Medilite Amplifier, 203-0036
ST8044	Continuum FL611-07, YG571C, YG580, 203-0012
ST8045	Continuum FL611-06, YG660, YG682, Powerlite 6000, 7000, 8000 and 9000 series (oscillator), Powerlite plus, Surelite I, Medilite, PY61C-10 203-0019
ST8046	Continuum FL506-04, PY61-10, 203-0017
ST8047	Continuum Surelight III, Powerlite 8000 series Amplifier, powerlite 9050, Amplifier, Powerlite plus Amplifier, Medilite IV 203-0032
ST7039	Continuum Minilite 10, 20, early models, 203-0037
ST8595	Continuum model 203-9001

CONTROL LASER

ST510S	Control Laser 255, 256, 510, 511
ST512AS	Control Laser 512, 513, Instamark, Script
ST512BS	Control Laser Instamark, Script, Emblem
ST520S	Control Laser 258, 520, H-518, 620
ST4522S	Control Laser 520, Extended arc length
ST532S	Control Laser 531, 532, 534, 536, 630

CONTROL LASER

ST612S	Control Laser 612, Elite, Signature, Emblem
ST5461	Control Laser 612, Special Voltage 150 –170V lamp
ST400S	Control Laser 400, 428, 438, 440-8, 480-16, Huffman, XMR, (Arc Length 101mm)
ST987	Control laser 612, Special 30A 131-138 Volts
ST400L	Control Laser 400, 428, 438, 440-8, 480-16; Huffman, XMR, (Arc Length 117mm)
ST6645	Control Laser 512 PLUS, Signature 100, Script 100
ST5116	Control Laser, Insignia, Icon
ST264	Control Laser, 258, 520, 620, High stability (30A 117-127V)
ST1019	Control Laser, Insignia, Icon, High Stability (15A 165-175V)

CONVERGENT ENERGY

ST1873	Convergent Energy Aurora P-10
ST1525	Convergent Energy Aurora P-50

COOPER LASERSONICS/MOLECTRON

ST536	Cooper 8000, 8900, 2500
ST534	Cooper 4000, 6000
ST3409	Cooper MY32
ST3410	Cooper MY34, MY35

CRAFFORD PRECISION PRODUCTS

ST8624	CPP Laserstar, 405-2460-405
ST8623	CPP Laserstar Hi Performance 405-2460-406

CVI LASER

STEJG	CVI YAG MAX C95
ST502	CVI YAG MAX 210
ST4461	CVI YAG MAX 212

CYNOSURE

ST499	Cynosure, Apogee Modular
ST9551	Cynosure, Apogee 6200 Non-Modular
ST9856	Cynosure, LPIR, LCY-7043
ST1158	Cynosure, Photogenica dye lamp
ST1612	Cynosure, Photogenica T10 Alexandrite lamp

DDD

ST1062 (=ST7081)	DDD Ellipse
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DEK

STS26	DEK Laser Trimmer
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STQCW187 STS26	DORNIER Dornier Lamp part number B 3003687 DEK Laser Trimmer, Spectron SL501Q, SL501TQ
ST7077 ST7074 ST7054	EKSMA Eksma Laser Model PL 2143B, 45mm arc length lamp Eksma Laser Model PL 2143B, 58mm arc length lamp Eksma Laser Model PL 2143B, 75mm arc length lamp
STK509 ST5008	ELECTRONICA VALSERIANA Electronica Valseriana Lamp part number 022500038, Softlight, EV5000 Electronica Valseriana CW Lamp
ST908 ST786 ST484	ELECTROX Electrox Raymarker 1, 262-000-010 Electrox Scriba I and II, 85W with end plugs New model Electrox Scriba I and II, 120W (upgrade)
ST1062	ENERGIS Energis Elite IPL
ST510S ST512AS ST570S ST520S ST65	E.S.I. E.S.I. 25, 44 E.S.I. 44 E.S.I. 44, 80, 4000A, 4200, 3570, 3572, 5100, 5150 E.S.I. 44 E.S.I. Japan
ST1062	EQUINOX Skinsoft Equinox IPLS
ST1062	ESTELUX Estelux IPL, LUX Y
ST1062 ST7031	EXCEL PHOTONIX Excel Photonix IPL Excel Photonix Pulsar
ST272 STYP500B	FANUC Fanuc 500W CW Laser Fanuc YP500 Laser, 500W Pulsed laser
STXF35	FERRANTI Ferranti Die Driller 611, 651
ST512AS ST4182 ST6473	FLOROD Florod 40, 41, 42, 70, Control Laser 512 Florod LRY, LWY Florod LCM30
ST5112 ST5113 ST258	FOBA Fobalas 84S, 30 Watt Fobalas 90 MK-DT, 94S, 100 Watt Fobalas 114S, 200 Watt
STS27 ST1852 (LONG LIFE) ST2007 ST1448 ST7060	FOTONA Fotona YAG-22 Fotona YAG-22 Fotona WL-40 Spotlight, Krypton Fotona WL-40, Laserstar, Xenon Fotona Fidelis, 1 Joule Er:YAG

ST2284
STXF1141

Fotona Fidelis M002A
Fotona Fidelis M320A

ST114

FOX LASERS
Fox 7400

ST5025
ST365

FUJI
Fuji 100W Laser Marker
Fuji 50W Laser Marker

ST9300
ST8090LL (LONG
LIFE)

GENERAL SCANNING/GSI LUMONICS
General Scanning Hi-Mark 400, 800, 1400, 6000
General Scanning Hi-Mark 400, 800, 1400, 6000

ST1062

GREENTON
Greenton IPL

STS27
ST1852 (LONG LIFE)

GRETAG/TRUMPF
Gretag 6210, 6211
Gretag 6210, 6211

STEJG

GTE
GTE606

STS27
ST1852 (LONG LIFE)

HAHN & KOLB, HK TECHNOLOGIES
Hahn & Kolb Enigma
Hahn & Kolb Enigma

ST5166
STX-8x125x270
ST641
STK6.5x100x250-4x9
STK6.5x120x300-4x9
STK8x120x270-5x9
STK8x120x290-5x9
STX9x130x264-5x9

Hans Laser
50W laser marker, YAG-M50 (NL5166)
YAG-T50
YAG-T80C (P2875, P2793) (ST2875, ST2793)

ST536
ST534
ST3409
ST3410
ST5045
ST5087
ST5022

HERAEUS LASERSONICS/SURGICAL
Heraeus 8000, 8900, 2500
Heraeus 4000, 6000, LUXUS100
Heraeus MY32
Heraeus MY34, MY35
Heraeus Lasersonics Hercules 5060
Heraeus Lasersonics Hercules 5100, 5000-100
Heraeus Lasersonics Hercules 5040

ST604

HOBART
Hobart Model 3750-0007-00

ST510S
ST520S
ST532S

HOLOBEAM
Holobeam 255, 256
Holobeam 257, 258
Holobeam 2660

ST512BS

HONG LUNG
Control 512

ST4669

HUFMANN INDUSTRIES
Hufmann Ind. 0513-002-01

ST4517	HOYA
ST7045	Hoya lamp part number 3.5 X AMG, L/2.11/G
ST7047	Hoya laser model HCL-2100
	Hoya laser model HCL-2100F
	HYSOL/PARTRIDGE LASERS
STQCW135	Hysol HM100, 100 watt
ST58	Hysol HM100, HDU6520
ST5048	Hysol HM100, HDU6520
STM	
ST908	ILM/Electrox Raymarker 1
STPAQ	
ST166, NL5057A	Impaq laser model CWQ2025
ST209	Impaq laser model CWQ2040
ST2045	Impaq laser model CWQ2045
	INLASER
STJK386	InLaser LWD4 9 LWD4V
	INNOLAS
STS27	Innolas Model 1000, 2000
ST1852 (LONG LIFE)	Innolas Model 1000, 2000
ST9155	Innolas 701, 702
	ISKRA
STS27	Iskra YAG-22
ST1852 (LONG LIFE)	Iskra YAG-22
ST4190	Iskra Models UPLAS 502, YAG 20, YAG 21, QT/E8WR
	JEC
ST510S	JEC 1020, 1028
ST512AS	JEC 1024
	KMS FUSION
ST3457	KMS-Fusion Pulsed Laser, Krypton
	KOMATSU
STQCW108	Komatsu Q120W, PH15L-1
ST517	Komatsu Q150W
	KORAD
STKY3	Korad KY3
STKY5	Korad KY5
STH6000	Helical flashlamp for Korad K-1
STH6020	Helical flashlamp for Korad K-2
STH6050	Helical flashlamp for Korad K-5
STH6060	Helical flashlamp for Korad K-6
	LASAG
ST1767	Lasag KLS246-040FC, 64-0153
ST5006	Lasag LAK101, KLS11, LAK100, KLS016, Topaz, 64-0156, 64-0302
ST6638	Lasag LAK101, KLS111, LAK100, KLS016, 64-0158, 64-0371
ST4605	Lasag LAK101, KLS11, LAK100, KLS016, 64-0114, 64-0116
ST5007	Lasag LAK301-302, KLS321-322, LAK400-401, 64-0157, 64-0324, Krypton
ST5009	Lasag LAK301-302, KLS321-322, LAK400-401, 64-0159, 64-0372, Xenon
ST6073	Lasag LAK601, LAK501-502, KLS521-522, 64-0309
ST1807	Lasag LAK601, LAK501-502, KLS521-522, KLS 24E, LAK542-300, 64-0551
ST5010	Lasag LAK101-102, KLS111-112, KLS126, 64-0154, 64-0323
ST1798	Lasag LAK101, KLS11, LAK100, KLS016, Topaz, 64-0579
ST9405	Lasag, 64-0552
ST1927	Lasag, 64.0553
ST1800	Lasag Slab FM 015, 64.0649

ST6461	LASER APPLICATIONS – FRANCE Laser Applications Model LAP988 (Upgrade)
ST4191S ST550S ST5845 ST8205 ST400L ST400S	LASER APPLICATION/LASERMETRICS Laser Application 9560, 28 Amp Laser Application 9560, 9555, 40 Amp Laser Application 95100 Laser Application 95150 Laser Applications 94100 (Arc Length 117mm) Laser Applications 94100 (Arc Length 101mm)
ST560 STX11 STSPACERAY	LASER ASSOCIATES Laser Associates 254B Laser Associates 252C Laser Associates 211A Ruby Laser
ST341 STQCW419	L.B.T L.B.T Model MYLS60 L.B.T Model MYLS100
STQCW189 STQCW189Q	LASER DESIGN Laser Design P.E.I. SLEEVES Laser Design, Ceramic Sleeves
ST116LL (LONG LIFE) ST116LLS	LASER IDENTIFICATION SYSTEMS LIS Wafer Mark 345, II (ST116LL is the new version of ST116) LIS Wafer Mark 345, II (long life 800 hours) (ST116LLS is the new version of ST116LLXL)
STSPACERAY	LASER INDUSTRIES – USA Laser Industries Spaceray
ST95	LASER INDUSTRIES Toshiba LAY618, 652, Sharplan 2100, 3000
STQCW336	LASER INNOVATIONS Laser Innovations Emerald
ST9650	LASER ITALIA Laservall Compac
ST747 ST767 ST804	LASER OPTRONICS Laser Optronic 747, 757 Laser Optronic 767 Laser Optronic 777
ST520BC ST241 ST8280 ST321 ST520S ST5001	LASER PHOTONICS Enquire Please specify laser model and lamp part number LASERSCOPE Laserscope 804, 102, LSY, BL3, CL20YAG, Aura Laserscope KTP/YAG 800 Laserscope Lyra, lamp part number 0124-0350 Laserscope lamp part number 0113-2260 Laserscope infinity Laserscope Erbium Venus
ST1715-1	LASERSTAR TECHNOLOGIES Bright Star, laser welding machine, L8624

ST218S	LASIT
STQCW336	Lasit Fleximark, Easymark 80 Watt Lasit Fleximark, Easymark 120 Watt
STQCW189	LASITRON Lasitron ML136
ST479	LASERVALL
STK372	Laservall Vall mark 7, 8, 10, 11
STPL50LL (LONG LIFE)	Laservall PL15 Laservall PL50, PL75, PL100, JL30, Cyberwelder
ST295	Laservall IPL unit
ST708S	LEE LASER
ST4462S	Lee Laser 708, 808, 750, LKA3020
ST9300	Lee Laser 708, 712, 808, 812, LKA3330
ST93	Lee Laser 715, 718, 818, 815, 825, LKA4030
ST5206	Lee Laser 715, 718, 818, 815, 825, LKA4030
ST1689	Lee Laser, LKA5340
ST6914	Lee Laser LKF-650
ST5028	Lee Laser 703, LKA2020
ST1689	Lee Laser Diamond processing lasers Lee Laser 615M
ST6790	LIGHTAGE Lightage Alexandrite laser
ST401	LITRON LASER SYSTEM
ST1240	LPY732-50
STXF720	LPKF
STXF889	Baasel Laser 4001, SC18
ST2007	Baasel Laser Starcut, BLS27, SC18
ST5176	LPKF Stencil Cutting Laser SL25, SL600 UV350L
ST767	LS LASER SYSTEMS/M.L.S.
ST7544	MLS 035
STQCW360	MLS 500 watt slab Model FBS500
ST9651	MLS 100 watt
ST6775	MLS KB50 MLS 300 watt slab laser model FBS300
STX737	LUMENIS, SHARPLAN
ST8586	Lumenis Derma K
ST95	Epi-Light Hair Removal Laser, Photoderm
ST7112	Toshiba LAY618, 652, Sharplan 2100, 3000
ST2028	Sharplan 5100 Epitouch, High power
STXF390	Sharplan 5100 Alexandrite laser, Epitouch, New version
ST1311	Sharplan 2000 Ruby
ST9860	Sharplan 5000 Ruby
ST2216	Lumenis D-Light Epilight System
ST1522	LYNTON MEDICAL Lynton Lumina IPL for Hair reduction & Vascular Lesions (old model ST995)
STJK1	GSI LUMONICS/JK LASER
STJK26	JK MS800, MS330, MS820, MS830LD, 12280090A JK 700, 701, 702, 706, 12280180A, P55B6770B

STXF69	JK 704, 12280200A, P55F3830B
STQXF54	JK 2000, HY750, MS25, HY200, HY450, 12280070A
STXF63	JK MS20, MS35, YM-800 12280020A
STXF65	JK 2000, HL52, GSG1/6, Derma Ruby Laser, 12280030A
STXF2	JK MS10, 12280050A
STJK23	JK MS300, 12280060A
ST5913	JK MS810, 12280100A
ST259	Lumonics Multiwave
ST9153	Lumonics Luxstar LXTR50, P61R4980X, 12280250A,50W laser
STX634	Lumonics Luxstar LXTR30, P61Y6980X, 30W laser
STJK214	Lumonics Screencut P55Y4051B
ST9300	Lumonics HM series
ST1010	Lumonics ScreenCut 4000, ScreenCut 5000 , F410-4
ST2202	Lumonics AM356 Multiwave
ST116LL	Lumonics Lightwriter (long life 400 Hrs)
ST116LLS	Lumonics Lightwriter 217.020.00, (extra long life 600 Hrs)
ST116LLXL	Lumonics Lightwriter 217.020.00, long life 800 Hrs
STMW200	Lumonics Multiwave

MARCRIST

ST5138 Marcris Marking Laser

MBB-MEDILAS

ST747	Medilas 1 & 2
ST51	Medilas 4060-40
STQCW146	Medilas 100N
STQCW187	Medilas 4060 Fiberton

MEDICAL BIOCARE, LUXSANO, MBC NORSE

ST7082	MBC Plasmalite 20mm gap
ST7083	MBC Plasmalite 18mm gap
ST7084	MBC Plasmlite 16mm gap

MEDICOM

ST1776 Medicom LS-100

MICRO-CONTROLE – FRANCE

ST164 Micro-Controle FLI 705C, Maria III

MICRON/LASITRON

STQCW39 Lasitron 120

MIYACHI

ST6755 (=NL9751)	Miyachi ML2330, ML2100A, ML2200A, ML2331B, ML2332B, ML2333A, MLD-0603
ST9771	Miyachi ML2350A, ML2351A, MLD0603 with clips
ST7153	Miyachi 2332, 2330
ST7353	Miyachi ML1330D
ST6847	Miyachi ML2600B
ST6848	Miyachi ML2500A, ML2360A
ST6663	Miyachi ML2600B
ST910	Miyachi ML4141A, ML4141B, MLD0406
ST8516	Miyachi LW10/15, ML2030A, ML2030B, ML2130A, ML2050A, ML2150A, ML2051A, ML2052A, 13813, MLD-0608, MLD0902
ST7965	Miyachi MLD-0601
ST3097	Miyachi ML2450A, A-02914, MLD-0861
ST9553	Miyachi MLD-0602

M.L.S./LS LASER SYSTEMS

ST767	MLS 035, MLS 7032
ST7544	MLS 500 watt slab laser model FBS500
STQCW360	MLS 100 watt
ST9651	MLS KB50

ST6775	MLS 300 watt slab laser model FBS300
	N.E.C.
ST545	NEC SL114A, 114F, 114G, SL475H, SL5 & 5ZA, P2002D
ST547	NEC SL1150G, 1150H, 1150J, 1150K, 116A, 116B, SL475E, SL436G, P2008E
ST546	NEC SL115A, YL452
ST7003	NEC SL117-2C, 3C, 4C
STQXF337	NEC SL476A2, P2015A, NL9764
ST5416	NEC P2013
ST3171	NEC YL451, P2007
STQXF345/NL9762	NEC SL124E, YL478IS, M801B,C, M802C, P2014, P2019
ST292	NEC P2021
	NEW WAVE RESEARCH
ST6811	Medilite 1
ST7886	Solo PIV 0002-0036, Tempest, Gemini
	NIDEX
STGYC1500	Nidex laser model GYC1500
	NIHON LASER SYSTEMS
STQJK302	Nihon RC150YWF, LY-300
	N.W.L
ST1311	NWL Meltemi, LSY BL8
STXF390	NWL Levante, Meltemi, LSY BL2
STS27	NWL Dali, Maestro, Mistral
ST1852 (LONG LIFE)	NWL Dali, Maestro, Mistral
	OBARA LASER
ST1398	Obara laser YPR-005062, 50W
	ORZIV
ST117LL	Orziv 2001 400 Hrs
ST5129 (=ST5161H)	Orziv Spectron Express, Spectron F950-4
ST749	Orziv 2001, 800 Hrs, 35 Amps Maximum
ST749A	Orziv 2001, 800 Hrs, 40 Amps Maximum
	OTARI
ST118	Otari, 250W & 350W
ST118E	Otari, 250W & 350W
	PALOMAR
ST6962	Palomar Spektrum Ruby
ST2306/8667	Palomar IPL hair removal lamp
	PM INDUSTRIES
ST500	PM 45, 200, 300
	POLARIS
STXF777	Polaris Ruby
ST1165	Polaris Ruby, Folded cavity
	POSITIVE LIGHT
STQCW324	Positive Light Merlin
	QUANTA RAY
STDRC1	Quanta Ray DCR1
ST4539	Quanta Ray DCR2, GCR Series, PRO 250-10, 350, INDI series, SP-0004-0725
	QUANTA SYSTEMS
STXF920	Quanta Pulsed Laser , Aphrodite, 920 M149475 089

ST2003 Quanta QMI-120
ST135 Quanta QMI-80
ST1035 Quanta QMI-70
ST1017 Quanta Palladio
ST2226 Quanta IPL systems
ST1500 IPL Dual Mode, CM1

QUANTEL FRANCE

STYG581C Quantel YG581C
STX557 Quantel SFLBR1-06, Brilliant
STQXA63 Quantel Ruby FC-312
ST6903 Quantel IQL30
ST8306 Quantel E8-10B
ST8045 Quantel SFL-611-06
STXF405 Quantel SFL-511-07

QUANTUM LASER

ST218S Quantum laser maxi mark (80 Watt)
STQCW336 Quantum Laser Maxi mark 2 (120 Watt)

QUANTRAD

ST510S Quantrad 1733
ST512AS Quantrad 1969
ST550S Quantrad 9555, BLAZER 2000, COMET, GALAXY

QUANTRONIX

ST114E Quantronix 114, 602, 603, Warranty 200 Hrs
ST116LL Quantronix 116, 604, 416, 4916, 4216 (Long Life) Warranty 400 Hrs
ST116LLXL Quantronix 116 laser lamp 800 hours lifetime
ST117LL Quantronix 117, 117E, 4217 (Long Life), Warranty 400 Hrs
ST749 Quantronix 117 laser lamp 800 hours lifetime
ST118 Quantronix 118, OTARI
STDRS Quantronix DRS1, DRSII
ST749A Quantronix 117 Laser lamp 800 hours lifetime, 40 Amps Maximum

RASEL

ST5126 Rasel Lamp MS6384AL, 20 Amps 156/162V
ST5093 Rasel Laser, 20 Amps 154/160V

RAYTHEON

STSS500K Raytheon SS500, SS525, SS531, SS550, Krypton
STSS500X Raytheon SS500, SS525, SS531, SS550, Xenon
STRSS117 Raytheon SS-117
STR323 Raytheon 117, 323
STR380 Raytheon 380, 480, 484
STR107RD Raytheon Ruby Driller
STR371 Raytheon 371
STR347 Raytheon 347
STR136 Raytheon 136

ROFIN BAASEL

ST512AS Baasel 600, 80750-005, 131100029, 209-08890
ST601S Baasel 601, 80750-006, 131100030, 202-08330
ST601LL Baasel 601, 80750-006, 131100030, 202-08330
ST166, NL5057A Bassel 2001, 6000, StarMark SM65, 80750-009, 131100032, 131100054, 209-08891
ST209 Baasel 2001, 6000, StarMark SM90, 80750-008, 131100031, 202-08331
ST700 Baasel StarMark SM150, 80750-029, 131100046, 209-10481
ST800 Baasel Laser Epixan Alexandrite
STXF889 Baasel StarCut 18, 4001, BLS27, BLS701, BLS710, BLS720, 80750-026, 131100043
ST9600 Baasel StarWeld Performance, 80750-012, 131100035, 5000 Series, 6000 Series
ST9615 Baasel StarWeld 80750-027
ST2412 Baasel StarWeld Tool 100W, 80750-043, 131100052

STJK37	Baasel StarWeld 150W, BLS730, 80750-010
ST9674	Baasel StarWeld 250W, 80750-028, 131100132
ST1122	Baasel StarWeld 500W, Xenon
ST1123	Baasel StarWeld 500W, Krypton/Xenon, 80750-031
ROFIN SINAR	
ST767	Rofin Sinar Evermark 8070, 815, 860,
ST726	Rofin Sinar RSY90Q, RSY120Q, PowerLine, 751015A –NL5023 Equivalent
ST9607	Rofin Sinar RSY300, 751-429, 131100084
ST9601	Rofin Sinar Pulsed, 710824, 710799
ST1445	Rofin Sinar RSY500, 710798
SCHWARTZ E-O	
ST6834	Schwartz 1-2-3 HoYAG
SCITON	
ST2062	Sciton IPL System
SEI	
STQCW336	SEI 120W laser
ST9300	SEI 80W laser
SLS BIOPHILE, ICN	
STXF716	Chromos 694 Ruby, MEHL, Chromos 585 Dye laser, N Lite
SIEMENS	
ST512AS	Siemens Silamatic
SIMRAD	
ST1803	Simrad LP1
SIRO LASERTEC	
STJK574	Siro Laser ALC35, ALO35, ALS35,
STK394	Siro Laser ALS35S, SL50, SL50P, SL75, SL75P, SLI150, Thunder, Tornado, Hurricane, Thunderstorm
SISMA	
STK479	Sisma SL25, SL35
STPL50LL LIFE)	(LONG Laservall SL50, SL80, SL100, LM series
SOLAR LASER SYSTEMS	
ST9858	Solar laser 50J
SPECTRA PHYSICS/QUANTA-RAY	
ST570S	Spectra Physics 3000, 3400
ST4462S	Spectra Physics 3800
STDCR1	Quanta Ray DCR1
ST4539	Quanta Ray DCR2, DCRII, GCR Series, PRO 250-10, PRO 350, INDI series, LAB130, SP-0004-0725
STQCW324	Spectra Physics Merlin
SPECTRON	
STS26	Spectron SL500W, SL501, SL501Q, SL50Q, SL501T, SL501TQ, F900-3
STS27	Spectron SL502, SL502Q, SL902, SL902Q, SL902T, SL902TQ, SL903, F900-4
STQXF166	Spectron SL400-800, SLD601, F400-3 (Oscillator)
STQXF169	Spectron SL400-800, SLD613, F400-4 (Amplifier)
STQXF182	Spectron SL1
ST1311	Spectron F1220-4 Sharplan 5000 Ruby
STXF390	Spectron F1200-4, Sharplan 2000 Ruby, NWL Levante, Limmer Ruby
ST1852 (LONG LIFE)	Spectron SL502, SL502Q, SL902, SL902Q, SL902T, SL902TQ, SL903, F500-4
ST1313	Spectron SL1302Q, SL1308TQ, F1500-5

ST1010	Spectron SL603, F410-4C
STXF888	Spectron SL456G, F1200-2
ST5129 (=ST5161H)	Spectron F950-4
ST2260	Spectron F5501-6
ST2260/50A	Spectron F5501-6P F5501-60P (50A 210-220V)
STS62	Spectron 3580-3, Lasermatic
STXF683	Spectron SL852G, F450-2
ST2343	Spectron SL1310, F900-5
ST8324	Spectron 2w Yag

SPEKTRUM GmbH

Enquire Please specify laser model and lamp part number

SURGICAL LASER TECHNOLOGY

ST5064 SLT 0300-6040

SYLVANIA

ST4678	Sylvania 1610, Xenon
ST6063	Sylvania 1610, Krypton
ST9504	Sylvania GTE 612-1

TECHNOMED

ST4801 Technomed MC2500

TERADYNE/TLSI/GENERAL SCANNING L.S.D.

ST510S	Teradyne 311, H-507
ST512AS	Teradyne 411, H-514, WD411
ST708S	TLIS W614, W670
ST4462S	TLIS W614, W670
ST114	Teradyne M118
ST116LL	Teradyne W419, W421, W429, W614, M118 (Long Life)
ST116LLS	Teradyne W419, W421, W429, W614, M118 (Long Life 600 hours)
ST116LLXL	Teradyne W419, W421, W429, W614, M118 (Long Life 800 hours)

TEXAS INSTRUMENTS

ST6016 Texas Instruments 803285-4

THALES

ST1788	Thales Saga lasers Nd:YAG 220/20, 220/10, Pulsed
ST164	Thales Saga lasers Nd:YLF laser, 120/10, CW

THERMOLASE

ST8142 Thermolase Softlight

T.L.T.

ST4491S	T.L.T. Model 800
ST601S	T.L.T. Model 1200, 1400
ST117LL	T.L.T. Model 2400, Quantronix 117, Long Life, 400hrs
ST749	T.L.T. Model 2400, Quantronix 117, Extra Long Life, 600hrs

TOSHIBA/SHIBAURA

ST501	Toshiba LAY711, 614, 631, 20A, 140-162V
STAY606	Toshiba LAY606A, 608A
STAY803	Toshiba LAY803, P8FA013
STAY806	Toshiba LAY806
ST95	Toshiba LAY616, 618, Sharplan P8FC010
ST114	Toshiba LAY612, 624
ST325	Toshiba OTARI, LAY791, P8FC013
STQCW18	Toshiba LAY714, 651, 717, 601, 602, 603
STAY600	Toshiba LAY600A, C, D
STAY601	Toshiba LAY601, 602, 603, 619, P8FA019
STAY605A	Toshiba LAY605A

ST4465B	Toshiba P8FC011, 20A, 145-155V
ST5024	Toshiba LAY729EB-5AP, 3000W P8FC016A LAY664D
ST5092	Toshiba P8FC018D, P8FC018E
ST9756	Toshiba P8FA002
ST4465A	Toshiba P8FC011, 20A 151-155V
ST5093	Toshiba P8FC011, 20A 154-160V
ST7760	Toshiba LAY729GC
ST6925	Toshiba P8FA013B
ST9753	Toshiba LAY822A/B, P8FA018
STXF1124	Toshiba 600W LAY828HA, P8FA024
ST5147	Toshiba UYH-01900, 100W laser, P8FC019B
ST600	Toshiba P8FC018B
ST5149	Toshiba LAY688, 2kW laser, P8FC020
ST5145	Toshiba P8FC018E, P8FC018F

TRUMPF/HAAS

STS27	VectorMark (Standard Version)
ST1852	VectorMark (Long Life Version)
ST2000	HL353D, HL556D, HL703D, HL1003D, HL1006D, HL1504D, HL2006D, HL3006D, HL4006D, 759082, 01-04-23-00 (Standard Version)
ST9000 (old model ST1000LL)	HL353D, HL556D, HL703D, HL1003D, HL1006D, HL1504D, HL2006D, HL3006D, HL4006D, 1252860, 01-04-34-00 (Long Life Version)
ST260	HL124P

UNIVERSAL LASER SYSTEMS

ST708S	LEE 808, 812, 20 Amp Lamp, High Stability
ST4462S	LEE 808, 812, 29 Amp Lamp

U.S. LASER

ST521	US Laser Model 403TQ3
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USHIO

ST5132	40W laser system
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VISION LASERTECHNIK GMBH / VISION LASER

ST9654	Vector Vision laser 50W
ST9656	Vector Vision laser 100W (LWI III)
ST250H	Vision laser (LWI IV)

WAVELIGHT

STXF701	Wavelight Burane Er:YAG
ST8280	Wavelight Lyra, LSY BL12
ST5001	Wavelight Venus Er:YAG
STXF889	Wavelight Arion
ST520BC	Wavelight Aura & Orion, LSY BL3
ST800	Wavelight Alexandrite EpiXan

WORLD OF MEDICINE

ST7078	UV-100
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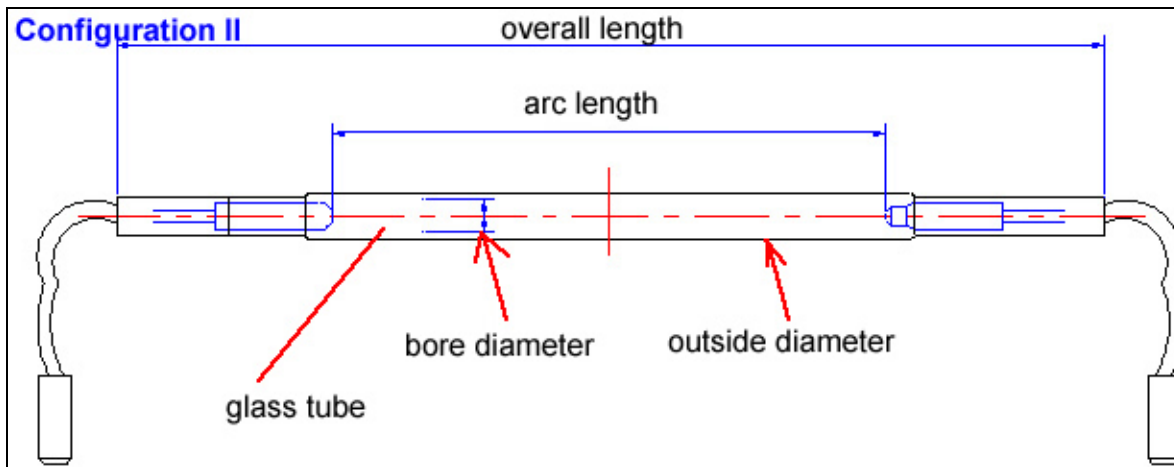
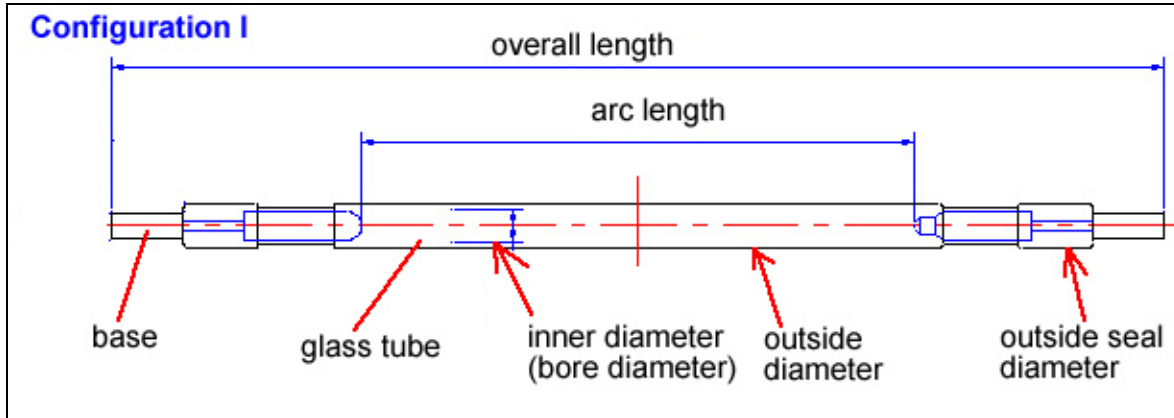
XENOLITE

ST1062	Xenolight IPL system
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ZANOBONI

ST601LL	Zanaboni 60W Marking System
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Form of Specifications of Lamps



	Required	Remark
Operation mode & configuration		
CW or pulse		
Configuration I or Configuration II		
Mechanical		
Filled gas (Kr or Xe)		
Filled gas pressure (torr)		
Glass tube: bore diameter (mm)		
Glass tube: outside diameter (mm)		
Arc length (mm)		
Overall length (mm)		
Base: diameter (mm)		
Base: length (mm)		
UV filtering (needed or not)		
Electrical		
Max. voltage (V)		
Max. current (A)		
Max. power (W)		
Trigger voltage (V)		
Quantity (pcs)		
Additional information		

If the buyer does not know the above parameters, please provide following parameters:

	Specification	Remark
Manufacturer of machine		
Model of machine		
CW or pulse		
Laser power		