



**LASER S.O.S. GROUP**

TECHNOLOGY AND MARKET **DRIVEN COMPANY!**

# LASER PUMP CAVITIES

Gold, Silver, Ceramic & Doped Glass

Issue 3.



Intelligent Solutions, Manufacturing & Development



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## LASER S.O.S. GROUP

TECHNOLOGY AND MARKET DRIVEN COMPANY!

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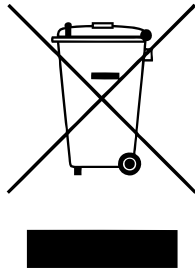
## RoHS and WEEE conformity statements

As a company, Laser SOS actively embraces its legal and environmental obligations outlined by the WEEE and RoHS directives. We see these regulations as a positive and responsible change to protect the environment.



### RoHS

All products that are subject to the European Community directive 2002/95/EC supplied by Laser SOS from 1st July 2006 are compliant with the requirements. Such products are marked with the RoHS symbol (adjacent).



### WEEE

All products that are subject to the WEEE Directive 2002/96/EC supplied by Laser SOS from 13th August 2005 are compliant with the WEEE marking requirements. Such products are marked with the “crossed out wheelie bin” WEEE symbol shown on the left in accordance with European Standard EN 50419. Our WEEE Producer registration number is WEE/EF0248QZ.

# LASER PUMP CAVITIES

Gold, Silver, Ceramic & Doped Glass  
For Lamp and Diode Pumped Laser Systems



Laser SOS provides laser users with a comprehensive range of retrofitable gold, silver, ceramic & doped glass cavities.

In the majority of solid state YAG laser systems gold plated elliptical and close-coupled pump cavities are the preferred reflector used.

Most optical pump cavities are typically produced from metals such as Aluminium, Stainless Steel, and Bronze. After machining the reflective surfaces are mechanically polished to mirror finish and depending on the base metal used a combination of under-plating is applied prior to the final gold plating process.

Laser SOS has developed a unique and proprietary gold plating process referred to as 'LaserGold'. LaserGold plated pump cavities have been demonstrated to provide the highest reflective efficiency in the market.

Laser SOS provides a comprehensive range of retrofit and bespoke pump cavities. If your cavity is not listed or you require a custom produced cavity, please provide us with an original sample or an engineering drawing.

## Refurbishing Service:

Over the life time of the gold cavity, the reflective efficiency will reduce due to surface damage, contaminant deposits and possible corrosion. Providing that the reflective surfaces are not mechanically damaged, the cavity can be salvaged and re-plated. The contaminants, corrosion and the remaining gold plating is chemically removed prior to re-polishing. The cavities are then under plated and finished with the LaserGold plating.

Item Part Number	Description	Laser Rail
<b>AB LASER INC</b>		
GC600	Complete Gold Cavity Assembly	Baasel 600, 601, 612, 615
GCE600	Cavity Ellipse, Gold plated	
CEP600U/CEP600L	Cavity End Plate, Upper and Lower	
GC6000	Complete Gold Cavity Assembly	Baasel 2000, BLS611, 600
GCE6000	Cavity Ellipse, Gold plated	
CEP6000G	Cavity End Plate, Gold	
CEP6000T	Cavity End Plate, Teflon	
GCSTARMARK	Complete Gold Cavity Assembly	Baasel SM65, SM90
GCE600	Cavity Ellipse, Gold plated	
CEP6000T	Cavity End Plate, Teflon	
GCSTARMARK150	Complete Gold Cavity Assembly	Baasel SM120, SM150
GCESTARMARK150	Cavity Ellipse, Gold plated	
CEPSTARMARK150	Cavity End Plate	
GC4002	Complete Gold Cavity Assembly	Baasel 4001, 5001, 5002, 6001
GCE4002	Cavity Ellipse, Gold plated	
CEP4002T	Cavity End Plate, Teflon	
CCAEPIXAN	Complete Ceramic Cavity Assembly	EpiXan BLM1000AX
CCEEPIXAN	Ceramic Cavity Ellipse	
CEPEPIXANL	Cavity End Plate, Lower, S. Steel	
CEPEPIXANUL	Cavity End Plate, Upper Locating, S. Steel	
CEPEPIXANUF	Cavity End Plate, Upper Free, S. Steel	
<b>ALLTEC</b>		
CCEFOBA100L	Ceramic Ellipse, Lower	Alltec LN100 W
CCEFOBA100U	Ceramic Ellipse, Upper	
<b>ALPHA LASERS</b>		
GCALS35	Complete Gold Cavity Assembly	ALC35, ALO35, ALS35 (Old Model)
GCEALS35	Cavity Ellipse, Gold plated	
CEPALS35ST	Cavity End Plate, Teflon	
GCALS35S	Complete Gold Cavity Assembly	ALS35S, SL50, SL50P
GCEALS35S	Cavity Ellipse, Gold plated	
CEPALS35ST	Cavity End Plate, Teflon	
GCALS75	Complete Gold Cavity Assembly	SL75, SL75P, SL120P
GCEALS75	Cavity Ellipse, Gold plated	
CEPALS75G	Cavity End Plate, Gold	
CEPALS75T	Cavity End Plate, Teflon	

Item Part Number	Description	Laser Rail
<b>BAASEL LASERTECHNIK</b>		
GC600	Complete Gold Cavity Assembly	Baasel 600, 601, 612, 615
GCE600	Cavity Ellipse, Gold plated	
CEP600U/CEP600L	Cavity End Plate, Upper and Lower	
CCAEPPIXAN	Complete Ceramic Cavity Assembly	EpiXan BLM1000AX
CCEPIXAN	Ceramic Cavity Ellipse	
CEPEPIXANL	Cavity End Plate, Lower, S. Steel	
CEPEPIXANUL	Cavity End Plate, Upper Locating, S. Steel	Baasel 2000, BLS611, 600
CEPEPIXANUF	Cavity End Plate, Upper Free, S. Steel	
GC6000	Complete Gold Cavity Assembly	
GCE6000	Cavity Ellipse, Gold plated	Baasel SM65, SM90
CEP6000G	Cavity End Plate, Gold	
CEP6000T	Cavity End Plate, Teflon	
GCSTARMARK	Complete Gold Cavity Assembly	Baasel SM120, SM150
GCE600	Cavity Ellipse, Gold plated	
CEP6000T	Cavity End Plate, Teflon	
GCSTARMARK150	Complete Gold Cavity Assembly	Baasel 4001, 5001, 5002, 6001
GCESTARMARK150	Cavity Ellipse, Gold plated	
CEPSTARMARK150	Cavity End Plate	
GC4002	Complete Gold Cavity Assembly	
GCE4002	Cavity Ellipse, Gold plated	
CEP4002T	Cavity End Plate, Teflon	
<b>BAUBLYS CONTROL LASER</b>		
CCLL902	Ceramic Cavity Lower	Baublys BL65, 65 W
CCLU902	Ceramic Cavity Upper	
<b>CHICAGO LASER</b>		
GC258	Complete Gold Cavity Assembly	Chicago Laser CLS37
GCE258	Cavity Ellipse, Gold Plated	
CEP258R/CEP258L	Cavity End Plate, Right and Left	Chicago Laser CLS37
GC512	Complete Gold Cavity Assembly	
GCE512	Cavity Ellipse, Gold Plated	Chicago Laser CLS39, CLS977, CLS907, CLS960
CEP510	Cavity End Plate, Gold Plated	
GCA708	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	
GCE708	Cavity Ellipse, Gold Plated	Chicago Laser CLS39, CLS977, CLS907, CLS960
CEP708L/CEP708R	Cavity End Plate, Left and Right	
GCA712	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	Chicago Laser CLS39, CLS977, CLS907, CLS960
GCE708	Cavity Ellipse, Gold Plated	
CEP708L/CEP708R	Cavity End Plate, Left and Right	
GCA812	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	Chicago Laser CLS39, CLS977, CLS907, CLS960
GCE708	Cavity Ellipse, Gold Plated	

Item Part Number	Description	Laser Rail
CEP818L/CEP818R	Cavity End Plate, Left and Right	
<b>CHROMATRON</b>		
QCEINDUWRITE	Silver Plated Laser Cavity Europium Doped Quartz	Induwrite
<b>COHERENT</b>		
GCAM34	Complete Gold Cavity Assembly	Coherent M34
GCAM34U	Cavity Ellipse Upper, Gold Plated	
GCAM34L	Cavity Ellipse Lower, Gold Plated	
CEP500	Cavity End Plated, Gold Plated	
<b>CONTROL LASER</b>		
GC510	Complete Gold Cavity Assembly	Holobeam 255, Control 510, 511
GCE510	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GC512	Complete Gold Cavity Assembly	Control 512, 513, H-514, Instamark, Script
GCE512	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GC258	Complete Gold Cavity Assembly	Holobeam 258, Control 520, 620, H518
GCE258	Cavity Ellipse, Gold plated	
CEP258L/CEP258R	Cavity End Plate, Left and Right	
GC612	Complete Gold Cavity Assembly	Control 612, Elite, Signature, Emblem
GCE512	Cavity Ellipse, Gold plated	
CEP512	Cavity End Plate	
GC612PLUS	Complete Gold Cavity Assembly	Control Laser Script 100, Signature 100
GCE612PLUS	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GC530	Complete Gold Cavity Assembly	Holobeam 2660, Control 531, 532, 534, 536, 630
GCE530	Cavity Ellipse, Gold plated	
CEP530L/CEP530R	Cavity End Plate, Left and Right	
GC400	Complete Gold Cavity Assembly	Control Laser 400, 428, 438, 440-4, 440-8, 440-16
GCE400T/GCE400L	Cavity Ellipse, Gold Plated	
CEP400T/CEP400L	Cavity End Plate	
<b>CLEAN LASER</b>		
GCE600	Cavity Ellipse, Gold plated	CWQ2025, 60 W; CWQ2040, 80 W
GCE100IMPAQ	Cavity Ellipse, Gold plated	CWQ2045, 100 W
GCE148IMPAQ	Cavity Ellipse, Gold plated	150 W



Item Part Number	Description	Laser Rail
<b>CRAFFORD PRECISION PRODUCTS</b>		
GC7000	Complete Gold Cavity Assembly	LaserStar 7000
GCE7000	Cavity Ellipse, Gold plated	
CEP7000	Cavity End Plate	
<b>E.S.I.</b>		
GC510	Complete Gold Cavity Assembly	ESI 25, 44
GCE510	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GC512	Complete Gold Cavity Assembly	ESI 44
GCE512	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GC570	Complete Gold Cavity Assembly	ESI 44, 80, 4000A, 4200, 2000, 3571, 3572
GCE570	Cavity Ellipse, Gold plated	
CEP570L/CEP570R	Cavity End Plate, Left and Right	
GC573	Complete Gold Cavity Assembly	ESI 3573
GCE573	Cavity Ellipse, Gold plated	
CEP573L/CEP573R	Cavity End Plate, Left and Right	
GC258	Complete Gold Cavity Assembly	ESI44
GCE258	Cavity Ellipse, Gold plated	
CEP258L/CEP258R	Cavity End Plate, Left and Right	
<b>EU PHOTONICS</b>		
CCE5541104	Ceramic Cavity	N-Lite Dye laser
<b>EXCEL PHOTONICS</b>		
CCE5541104	Ceramic Cavity	N-Lite Dye laser
<b>FLOROD</b>		
GC512	Complete Gold Cavity Assembly	Florod 40, 41, 42, 70
GCE512	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
<b>FOBA</b>		
CCEFOBA100L	Ceramic Ellipse, Lower	Fobal 90 MK-DT, 94S, 100 Watt
CCEFOBA100U	Ceramic Ellipse, Upper	
<b>FOX LABS</b>		
GCA114	Complete Gold Cavity Assembly	Fox 7400
GCE114	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	

Item Part Number	Description	Laser Rail
<b>GENERAL SCANNING / GSI LUMONICS</b>		
GCA718	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	GSI Hi-Mark 400, 800, 2000, 6000
GCE718	Cavity Ellipse, Gold plated	
CEP718	Cavity End Plate	
GCA818	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	
GCE818	Cavity Ellipse, Gold plated	
CEP818	Cavity End Plate	
<b>HAAS LASER</b>		
GCHAAS	Complete Gold Cavity Assembly	HL353D, HL556D, HL703D, HL803D, HLI003D, HLI006D, HLI504D, HL2006D, HL3006D, HL4006D
GCEHAAS	Cavity Ellipse, Gold plated	
CEPHAASL	Cavity End Plate, Left	
CEPHAASR	Cavity End Plate, Right	
CCL902	Ceramic Cavity Lower	Vector Mark
CCU902	Ceramic Cavity Upper	Vector Mark
<b>HOLOBEAM</b>		
GC510	Complete Gold Cavity Assembly	Holobeam 255, 256
GCE510	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GC258	Complete Gold Cavity Assembly	Holobeam 257, 258
GCE258	Cavity Ellipse, Gold plated	
CEP258L/258R	Cavity End Plate, Left and right	
GC530	Complete Gold Cavity Assembly	Holobeam 2660
GCE530	Cavity Ellipse, Gold plated	
CEP530L/530R	Cavity End Plate, Left and Right	
<b>IMPAQ</b>		
GCE600	Cavity Ellipse, Gold plated	Impaq CWQ2025,60 W; WQ2040,80 W
GCE100IMPAQ	Cavity Ellipse, Gold plated	
GCE148IMPAQ	Cavity Ellipse, Gold plated	
<b>JEC LASER</b>		
GC510	Complete Gold Cavity Assembly	JEC 1020, 1028
GCE510	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	

Item Part Number	Description	Laser Rail
GC512	Complete Gold Cavity Assembly	JEC1024
GCE512	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	

### LASAG

GCLAK101	Complete Gold Cavity Assembly	LAK101, KLS111, LAK100, KLS016
GCELAK101L/ GCELAK101U	Cavity Ellipse, Gold plated, Lower and Upper	
CEPLAK101L/ CEPLAK101R	Cavity End Plate, Left and Right	
GCLAK301	Complete Gold Cavity Assembly	LAK301–302, LPM301–302, KLS321
GCELAK301L/ GCELAK301U	Cavity Ellipse, Gold plated, Lower and Upper	
CEPLAK301L/ CEPLAK301R	Cavity End Plate, Left and Right	
GCLAK322	Complete Gold Cavity Assembly	KLS312, KLS322
GCELAK322L/ GCELAK322U	Cavity Ellipse, Gold plated, Lower and Upper	
CEPLAK322L/ CEPLAK322R	Cavity End Plate, Left and Right	
GCLAK400	Complete Gold Cavity Assembly	LAK400–401
GCELAK400L/ GCELAK400U	Cavity Ellipse, Gold plated, Lower and Upper	
CEPLAK400L/ CEPLAK400R	Cavity End Plate, Left and Right	
GCLAK601	Complete Gold Cavity Assembly	LAK601
GCELAK601L/ GCELAK601U	Cavity Ellipse, Gold plated, Lower and Upper	
CEPLAK601L/ CEPLAK601R	Cavity End Plate, Left and Right	

### LASER APPLICATIONS / LASERMETRICS

GC9555	Complete Gold Cavity Assembly	9555, Blazer, Quantrad, Galaxy, Comet
GCE9555	Cavity Ellipse, Gold plated	
CEP9555L/CEP9555R	Cavity End Plate, Left and Right	
GC9560	Complete Gold Cavity Assembly	9760
GCE9560	Cavity Ellipse, Gold plated	
CEP9560L/CEP9560R	Cavity End Plate, Left and Right	
GC95100	Complete Gold Cavity Assembly	95100
GCE95100	Cavity Ellipse, Gold plated	
CEP95100L/CEP95100R	Cavity End Plate, Left and Right	

### LASER IDENTIFICATION SYSTEMS

GCAI14	Complete Gold Cavity Assembly	LIS WaferMark I
GCEI14	Cavity Ellipse, Gold plated	
CEPI14	Cavity End Plate	
GCAI16	Complete Gold Cavity Assembly	LIS WaferMark II

Item Part Number	Description	Laser Rail
GCE116	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	
<b>LASER OPTRONICS / ROFIN SINAR</b>		
GC747	Complete Gold Cavity Assembly	747
GCE747	Cavity Ellipse, Gold plated	
CEP747A/CEP747B	Cavity End Plate	
GC767	Complete Gold Cavity Assembly	767, EverMark 8070, 815, 860
GCE700	Cavity Ellipse, Gold plated	
CEP767A/CEP767B	Cavity End Plate	
<b>LASERVALL</b>		
CCEJL50	Ceramic Cavity Assembly	JL50
<b>LASIT</b>		
GC530	Complete Gold Cavity Assembly	Fleximark, EasyMark 80 W, 120 W
GCE530	Cavity Ellipse, Gold plated	
CEP530L/CEP530R	Cavity End Plate, Left and Right	
<b>LEE LASER</b>		
GCA708	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	708
GCE708	Cavity Ellipse, Gold plated	
CEP708L/CEP708R	Cavity End Plate, Left and Right	
GCA712	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	712
GCE708	Cavity Ellipse, Gold plated	
CEP708L/CEP708R	Cavity End Plate, Left and Right	
GCA718	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	715, 718
GCE718	Cavity Ellipse, Gold plated	
CEP708L/CEP708R	Cavity End Plate, Left and Right	
GCA812	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	803, 808, 812, 850, 875
GCE708	Cavity Ellipse, Gold plated	
CEP818L/CEP818R	Cavity End Plate, Left and Right	
GCA818	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	815, 818, 825, 825S
GCE718	Cavity Ellipse, Gold plated	
CEP818L/CEP818R	Cavity End Plate, Left and Right	
CCA818	Complete Ceramic Cavity Assembly (Includes Teflon Light Shields)	815, 818, 825, 825S
GCA650	Complete Gold Cavity Assembly	650M, 650/CD
GCE650U	Cavity Ellipse Upper, Gold plated	

Item Part Number	Description	Laser Rail
GCE650L	Cavity Ellipse Lower, Gold plated	
CEP818L/CEP818R	Cavity End Plate, Left and Right	
CCA718	Complete Ceramic Cavity Assembly (Includes Teflon Light Shields)	715, 718

### L.P.K.F.

GC4002	Complete Gold Cavity Assembly	Baasel 4001, Baasel SC18, LaserStarcut, BLS27
GCE4002	Cavity Ellipse, Gold plated	
CEP4002T	Cavity End Plate	Baasel 4002, 5001, 6001

### LS LASER SYSTEM / MUNICH LASER SYSTEMS

GCEMLS035U/ GCEMLS035L	Cavity Ellipse, Gold plated, Upper and Lower	MLS035, LS800, MLS7032
CEPPMLS035	Cavity End Plate	

### LUMONICS / GCI LUMONICS

GCA116	Complete Gold Cavity Assembly	LightWriter I & II
GCE116	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	

### MUNICH LASER SYSTEMS / LS LASER SYSTEMS

GCEMLS035U/ GCEMLS035L	Cavity Ellipse, Gold plated, Upper and Lower	MLS035, LS800, MLS7032
CEPPMLS035	Cavity End Plate	

### N.E.C.

GCSL114	Complete Gold Cavity Assembly	SL432G, SL435B, SL411B, SL412G, SL114K, SL475H, S.L.T. CL-60
GCESL114U/ GCESL114L	Cavity Ellipse, Gold plated, Upper and Lower	
CEPSL114L/CEPSL114R	Cavity End Plate, Left and Right	

### N.W.L.

CCLL902	Ceramic Cavity Lower	Dali, Maestro, Mistral
CCLU902	Ceramic Cavity Upper	Dali, Maestro, Mistral
GCE100NWLC	Cavity Ellipse, Gold plated	N.W.L. 100 Watt

### OR LASER

CCE90	Ceramic Cavity Reflector	OR Laser LSP
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### ORZIV

GCA117	Complete Gold Cavity Assembly	Orziv 2001
GCE117	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	

Item Part Number	Description	Laser Rail
<b>OTARI</b>		
GCAI 18	Complete Gold Cavity Assembly	Otari 250 Watt
GCEI 18	Cavity Ellipse, Gold plated	
CEPI 18	Cavity End Plate	
GCAI 18CC	Complete Gold Cavity Assembly	Otari 350 Watt
GCEI 18CC	Cavity Ellipse, Gold plated	
CEPI 18CC	Cavity End Plate	
<b>PHOTON ENERGY</b>		
GCE600	Cavity Ellipse, Gold plated	Photon Energy Draco 80 W
GCE100IMPAQ	Cavity Ellipse, Gold plated	Photon Energy Draco 100 W
<b>POSITIVE LIGHT</b>		
GCAI 17	Complete Gold Cavity Assembly	Merlin
GCEI 17	Cavity Ellipse, Gold plated	
CEPI 14	Cavity End Plate	
<b>QUANTRAD</b>		
GC9555	Complete Gold Cavity Assembly	Blazer 2000, Comet, Galaxy
GCE9555	Cavity Ellipse, Gold plated	
CEP9555L/CEP9555R	Cavity End Plate, Left and Right	
<b>QUANTRONIX</b>		
GCAI 14	Complete Gold Cavity Assembly	114, 602, 603
GCEI 14	Cavity Ellipse, Gold plated	
CEPI 14	Cavity End Plate	
GCAI 16	Complete Gold Cavity Assembly	116, 604, 416, 4216
GCEI 16	Cavity Ellipse, Gold plated	
CEPI 14	Cavity End Plate	
GCAI 17	Complete Gold Cavity Assembly	117, 117E, 4217, Q-Mark
GCEI 17	Cavity Ellipse, Gold plated	
CEPI 14	Cavity End Plate	
GCAI 18	Complete Gold Cavity Assembly	118
GCEI 18	Cavity Ellipse, Gold plated	
CEPI 18	Cavity End Plate	
GCAI 18CC	Complete Gold Cavity Assembly	118 Close Coupled

Item Part Number	Description	Laser Rail
GCEI18CC	Cavity Ellipse, Gold plated	
CEPI18CC	Cavity End Plate	

**RAYTHEON**

GC500	Complete Gold Cavity Assembly	SS500, SS525, SS531,
GCE500U/GCE500L	Cavity Ellipse, Gold plated, Upper and Lower	SS550
CEP500	Cavity End Plate	

**ROFIN BAASEL**

GC600	Complete Gold Cavity Assembly	Baasel 600, 601, 612, 615
GCE600	Cavity Ellipse, Gold plated	
CEP600U/CEP600L	Cavity End Plate, Upper and Lower	
GC6000	Complete Gold Cavity Assembly	Baasel 2000, BLS611, 600
GCE6000	Cavity Ellipse, Gold plated	
CEP6000G	Cavity End Plate, Gold	
CEP6000T	Cavity End Plate, Teflon	
GCSTARMARK	Complete Gold Cavity Assembly	Baasel 65 Watt, 90 Watt
GCE600	Cavity Ellipse, Gold plated	
CEP6000T	Cavity End Plate, Teflon	
GCSTARMARK150	Complete Gold Cavity Assembly	Baasel 120 Watt, 150 Watt
GCESTARMARK150	Cavity Ellipse, Gold plated	
CEPSTARMARK150	Cavity End Plate	
GC4002	Complete Gold Cavity Assembly	Baasel 4001, 5001, 5002, 6001
GCE4002	Cavity Ellipse, Gold plated	
CEP4002T	Cavity End Plate, Teflon	

**ROFIN SINAR / LASER OPTRONICS**

GC747	Complete Gold Cavity Assembly	747
GCE747	Cavity Ellipse, Gold plated	
CEP747A/CEP747B	Cavity End Plate	
GC767	Complete Gold Cavity Assembly	767, EverMark 8070, 815, 860
GCE700	Cavity Ellipse, Gold plated	
CEP767A/CEP767B	Cavity End Plate	
CCERSY	Ceramic Cavity Liner, 751012	RSY 90Q, RSY120Q, Powerline Series

**S.E.I**

GC530	Complete Gold Cavity Assembly	S.E.I. 120 W
GCE530	Cavity Ellipse, Gold plated	
CEP530R/CEP530L	Cavity End Plate, Right and Left	
GCA718	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	S.E.I. 80 W
GCE718	Cavity Ellipse, Gold plated	
CEP708L/CEP708R	Cavity End Plate, Left and Right	

Item Part Number	Description	Laser Rail
<b>SIEMENS</b>		
GC512	Complete Gold Cavity Assembly	Silamatic
GCE512	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
<b>SIRO LASERTEC</b>		
GCALS35	Complete Gold Cavity Assembly	ALC35, ALO35, ALS35
GCEALS35	Cavity Ellipse, Gold plated	(Old Model)
CEPALS35ST	Cavity End Plate, Teflon	
GCALS35S	Complete Gold Cavity Assembly	ALS35S, SL50, SL50P, Thunder and Thunderstorm
GCEALS35S	Cavity Ellipse, Gold plated	
CEPALS35ST	Cavity End Plate, Teflon	
GCALS75	Complete Gold Cavity Assembly	Tornado, Hurricane
GCEALS75	Cavity Ellipse, Gold plated	
CEPALS75G	Cavity End Plate, Gold	
<b>SPECTRA PHYSICS</b>		
GC570	Complete Gold Cavity Assembly	Spectra Physics 3000
GCE570	Cavity Ellipse, Gold plated	
CEP570L/CEP570R	Cavity End Plate, Left and Right	
GC573	Complete Gold Cavity Assembly	Spectra Physics 3400
GCE573	Cavity Ellipse, Gold plated	
CEP573L/CEP573R	Cavity End Plate, Left and Right	
GCA117	Complete Gold Cavity Assembly	Spectra Physics Merlin
GCE117	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	
GCADCR	Complete Gold Cavity Assembly	Quanta Ray DCR2, DCR11, GCR Series
GCEDCR	Cavity Ellipse, Gold plated	
CEPDCR	Cavity End Plate	
<b>SPECTRON</b>		
CCLL902	Ceramic Cavity Lower	902, 903
CCLU902	Ceramic Cavity Upper	
<b>TERADYNE / TLSI / GSI</b>		
GC510	Complete Gold Cavity Assembly	311, H-507
GCE510	Cavity Ellipse, Gold plated	



Item Part Number	Description	Laser Rail
CEP510	Cavity End Plate	
GC512	Complete Gold Cavity Assembly	411, H-514, WD411
GCE512	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GC708	Complete Gold Cavity Assembly	W614, W670
GCE708	Cavity Ellipse, Gold plated	
CEP708L/CEP708R	Cavity End Plate, Left and Right	
GCA114	Complete Gold Cavity Assembly	MI18
GCE114	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	
GC116	Complete Gold Cavity Assembly	W419, W421, W429, W614, MI18
GCE116	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	

### T.L.T.

GC9560	Complete Gold Cavity Assembly	800
GCE9555	Cavity Ellipse, Gold plated	
CEP9560L/CEP9560R	Cavity End Plate, Left and Right	
GC512	Complete Gold Cavity Assembly	1200, 1400
GCE512	Cavity Ellipse, Gold plated	
CEP510	Cavity End Plate	
GCA117	Complete Gold Cavity Assembly	2400
GCE117	Cavity Ellipse, Gold plated	
CEP114	Cavity End Plate	

### TRUMPF

GCHAAS	Complete Gold Cavity Assembly	HL353D, HL556D, HL703D, HL803D, HL1003D, HL1006D, HL1504D, HL2006D, HL3006D, HL4006D
GCEHAAS	Cavity Ellipse, Gold plated	
CEPHAASL/CEPHAASR	Cavity End Plate, Left and Right	
CCLL902	Ceramic Cavity Lower	Vector Mark
CCLU902	Ceramic Cavity Upper	Vector Mark

### UNIVERSAL LASERS

GCA708	Complete Gold Cavity Assembly (Includes Teflon Light Shields)	708, 712
GCE708	Cavity Ellipse, Gold plated	
CEP708L/CEP708R	Cavity End Plate, Left and Right	

### WAVELIGHT

CCAEPIXAN	Complete Ceramic Cavity Assembly	EpiXan BLM1000AX
CCEEPIXAN	Ceramic Cavity Ellipse	
CEPEPIXANL	Cavity End Plate, Lower, S. Steel	
CEPEPIXANUL	Cavity End Plate, Upper Locating, S. Steel	
CEPEPIXANUF	Cavity End Plate, Upper Free, S. Steel	

# LASER S.O.S. GROUP

TECHNOLOGY AND MARKET DRIVEN COMPANY!

## LASER PUMP CAVITIES Gold, Silver, Ceramic & Doped Glass

For Lamp and Diode Pumped Laser Systems

Item Part Number	Description	Laser Rail
<b>ZANOBONI</b>		
GC600	Complete Gold Cavity Assembly	60 W Marking System
GCE600	Cavity Ellipse, Gold plated	
CEP600U/CEP600L	Cavity End Plate, Upper and Lower	

If your cavity is not listed or you require a custom produced one, please provide us with an original sample or an engineering drawing.





## LASER S.O.S. GROUP

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