

SPARE PARTS FOR PANASONIC LASER MARKING SYSTEMS

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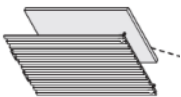



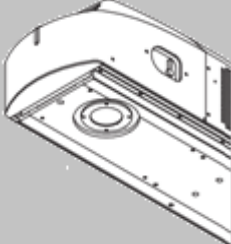
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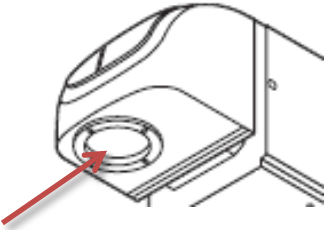
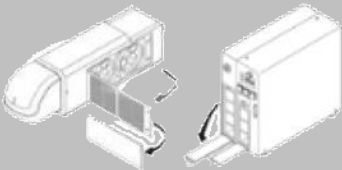


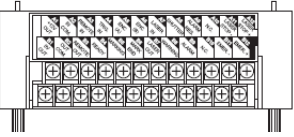
CO₂-LASER



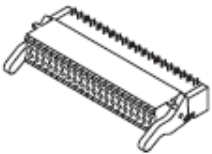

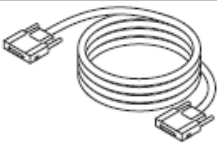


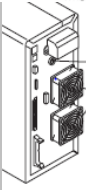
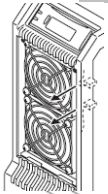
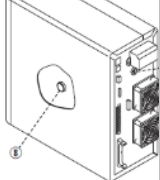

Spare parts for the LP-300 series

Image	Description	Reference
	Dust filter (2pcs)	LP-AFT30
	Filter case and dust filter (2pcs)	LP-AFT31
	Interlock connector	LP-ILC
	Key switch	LP-KEY-300
	Head power cable	LP310CABLETOHEAD
	F Theta lens # LP-310	LP-LENS310

Spare parts for the LP-400 series

Image	Description	Reference
	Head power cable (5m)	LP-ACP20-5
	Head signal cable (5m)	LP-ACS20-5
	F Theta lens; 55mm # LP-411/421/431	LP-ACV41
	F Theta lens; 160mm # LP-425/435	LP-ACV42
	F Theta lens; 110mm # LP-410/420/430	LP-ACV43
	Air filter of controller and head (4pcs)	LP-AFT20
	Key switch	LP-KEY-MGSVZ4
	Return Harness	LP-RH-MSZ
	Complete screw terminal block (NPN circuit)	LP-SCT-NPN
	Complete screw terminal block (PNP circuit)	LP-SCT-PNP
	Complete screw terminal block for LS1 Type (PNP circuit)	LP-SCT-PNP-LS1
	Board for I/O terminal block	LP-TB

Spare parts for the LP-GS

Image	Description	Reference
	I/O terminal	LP-CIO20
	Head power cable	LP-ACP10-5
	Head signal cable	LP-ACS10-5
	Dust filter Set	LP-AFT70
	F Theta lens; 55mm (for LP-G051)	LP-ACV41
	Cooling fans of head (2pcs)	LP-AFA10
	Cooling fans of controller (2pcs)	LP-AFA11
	Battery	AFPXBATTJ
	Key switch	LP-Key-MGSVZ4






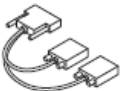
SPARE PARTS FOR PANASONIC LASER MARKING SYSTEMS





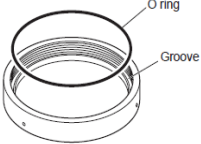
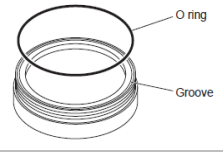
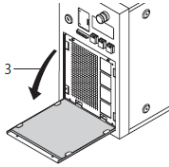





FIBER LASER



Spare parts for the LP-M series

Image	Description	Reference
	Tool for LP-ACV-71	LP-ACV71-T
	Lens protection glass	LP-ACV71
	Head power cable	LP-ACP30-5
	Head signal cable	LP-ACS30-5
	Dust filter Set (5pcs)	LP-AFT50x5
	Input Terminal (20 pin)	LP-CIN20
	Output Terminal (14 pin)	LP-COUT14





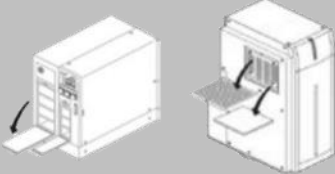


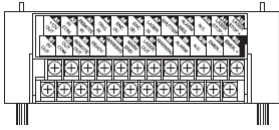
	Input Terminal for LS1 Type (20 pin)	LP-CIN20-LS1
	Output Terminal for LS1 Type (14 pin)	LP-COUT14-LS1
	Interlock connector	LP-ILC
	Interlock connector, Laser Gate	LP-ILC-LG
	Key switch	LP-KEY-MGSVZ4
	Return Harness	LP-RH-MSZ

Spare parts for the LP-S series





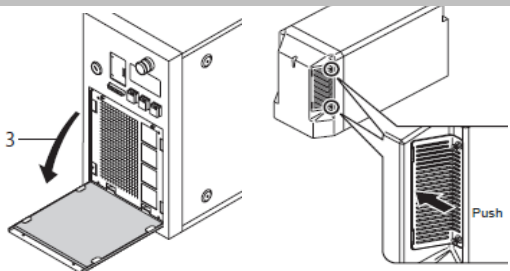







Image	Description	Reference
	Head power cable	LP-ACP30-5
	Head signal cable	LP-ACS30-5
	Lens protection glass for LP-S**0	LP-ACV50
	O-Ring	LP-OR50
	Lens protection glass for LP-S**2	LP-ACV52
	O-Ring	LP-OR52
	Lens protection glass for LP-S**5	LP-ACV55
	O-Ring	LP-OR55
	Lens protection glass # S500 from EA** # S500W from FA**	LP-ACV61
	O-Ring	LP-OR60
	Dust filter Set (5pcs)	LP-AFT50x5
	Input Terminal (20 pin)	LP-CIN20
	Output Terminal (14 pin)	LP-COUT14
	Input Terminal for LS1 Type (20 pin)	LP-CIN20-LS1
	Output Terminal for LS1 Type (14 pin)	LP-COUT14-LS1
	Interlock connector	LP-ILC

	Key switch	LP-KEY-MGSVZ4
	Return Harness	LP-RH-MSZ

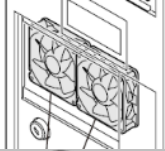



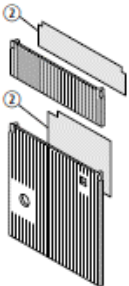
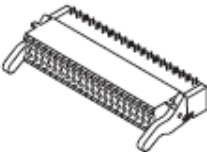

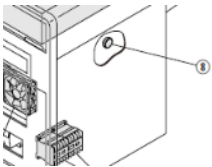
Spare parts for the LP-V series

Image	Description	Reference
	Head power cable (5m)	LP-ACP20-5
	Head signal cable (5m)	LP-ACS20-5
	Lens protection glass LP- V10 # Lot No 6H4N - 7B4N # from ABGN - DBTN	LP-ACV10
	Lens protection glass LP- V10 # Lot No 7B5N - ABFN	LP-ACV20
	Lens protection glass LP- V15 # Lot No. 6HPN - 7B4N; # from AI1N	LP-ACV15
	Lens protection glass LP- V15 # Lot.No.7B5N - AHWN	LP-ACV25
	Lens protection glass LP- V10 # from DC1N	LP-ACV61
	Dust filter (3pcs)	LP-AFT21
	Key switch	LP-KEY-MGSVZ4
	Return Harness	LP-RH-MSZ
	Complete Screw Terminal Block (NPN circuit)	LP-SCT-NPN
	Complete Screw Terminal Block (PNP circuit)	LP-SCT-PNP
	Complete Screw Terminal Block for LS1 Type (PNP circuit)	LP-SCT-PNP-LS1
	Board for I/O terminal block NPN & PNP	LP-TB

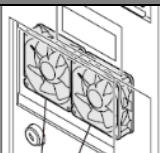



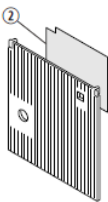
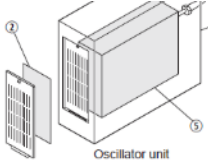


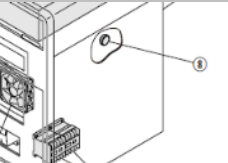
Spare parts for the LP-Z series

Image	Description	Reference
	Tool for LP-ACV-71	LP-ACV71-T
	Lens protection glass	LP-ACV71
	Head power cable	LP-ACP20-5
	Head signal cable	LP-ACS20-5
	Dust filter Set (2pcs)	LP-AFT40
	Input Terminal (20 pin)	LP-CIN20
	Output Terminal (14 pin)	LP-COUT14
	Input Terminal for LS1 Type (20 pin)	LP-CIN20-LS1
	Output Terminal for LS1 Type (14 pin)	LP-COUT14-LS1
	Interlock connector	LP-ILC
	Key switch	LP-KEY-MGSVZ4
	Return Harness	LP-RH-MSZ

Spare parts for the LP-RF series

Image	Description	Reference
	Cooling fans	LP-AFA20
	Lens protection glass	LP-ACV61
	Head power cable	LP-ACP20-2 (2m) LP-ACP20-5 (5m)
	Head signal cable	LP-ACS10-2 (2m) LP-ACS10-5 (5m)
	Air filter for LP-RF Controller(10 sets)	LP-AFT80
	Interlock connector set	LP-AEC10
	I/O terminal	LP-CIO20
	Key switch	LP-KEY-MGSVZ4
	Battery	AFPXBATTJ


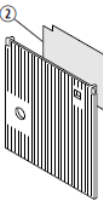


Spare parts for the LP-RV series

Image	Description	Reference
	Cooling fans	LP-AFA20
	Lens protection glass	LP-ACV61
	Head power cable	LP-ACP20-2 (2m) LP-ACP20-5 (5m)
	Head signal cable	ACS10-2 (2m) ACS10-5 (5m)
	Air filter for Controller	LP-AFT81
	Air filter for oscillator unit	LP-AFT82
	Interlock connector set	LP-AEC10
	I/O terminal	LP-CIO20
	Key switch	LP-KEY-MGSVZ4
	Battery	AFPXBATTJ

LASER WELDING



Spare parts for the VL-W1 series

Image	Description	Reference
	Lens protection glass (fitting tool is attached)	LP-ACV70
	Air filter for Controller	LP-AFT50x5
	Set of gaskets	LP-APK10x5
	Tool for LP-ACV-71	LP-ACV71-T
	Controller power cable	LP-ACA12
	Signalkabel	