



Trutech Laser Corporation

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VPC

ARM/DELIVERY SYSTEM PARTS

alignment pin	0627-992-01
arm, articulated, fru	0631-086-01
blastshield, fru	0631-118-01
cable, handpiece, arm	0627-300-01
cap, output, handpiece, fiber, red	3902-0025
cap, pivot, arm, red	1404-0117
chiller, 110v	0631-095-01
chiller, 220v	0631-096-01
counterweight, adjustable	0627-922-01
CPG clip (large)	0632-977-01
CPG clip (small)	0627-678-01
counterweight, fixed	0627-921-01
cover, knee, top, white	0627-382-01
fiber/cable, assy FRU	0627-296-01
handpiece, arm, FRU	0631-821-01
handpiece, fiber, FRU	0631-818-01
snout, threaded, fiber h/p	0635-582-01
knob, locking, counterweight, FRU	0631-926-01
locking clamp, bottom, arm pivot	0635-624-01
locking clamp, top, arm pivot	
method, arm tower (hour glass)	0629-749-01
nipple, red	1404-0114
optic, blastshield	0626-330-01
optic, window, arm	0629-484-01
optic, window, handpiece, arm, fru	0631-112-01
ring, base, arm, FRU	0632-432-01
ring, retainer, window, arm	0629-541-01
screw, counterweight, fixed	7202-1432
screw, plunger, arm lock	2512-0145
screw, ring, arm	7202-0810
small chilled tip (w/tubing)	0636-710-01
stainless steel ring (w/6 threaded holes)	0625-614-01
T fitting (for hose)	2517-0133
tip, chilled two window (w/tubing)	0636-702-01
tip, spatula	0625-632-01
tube, handpiece, plastic (for arm handpiece)	0629-298-01
tube set, insulated, w/fittings (for chilled tips)	0635-285-01
wave washer (3 req.)	2509-0453
v grooved plate	0629-707-01

OPTICAL PATH, COMMON

Beam Dump, FRU	0632-213-01
blade, beam dump, fru	0632-210-01
filter, F0-6, beam stop	0628-180-01
laser, diode, arm FRU	0631-814-01
laser, diode, fiber FRU	0631-811-01
lens cell FRU	0631-897-01
MO-1 (photocell TM)	0625-981-01
motor, servo, FRU	0631-923-01
optic, M0-2, combiner, arm	
optic, M0-3, beam combiner, fiber	0626-329-01
optic, W0-1, blastshield	0626-330-01
prism, P0-0, servo, FRU	0633-389-01
prism, P0-1,2,5,6,7	0625-984-01
prism, P0-3, wedge, photocell	0625-980-01
prism, P0-4, diffraction, photocell	0625-982-01
screw, locking, 2-56 X 5/16	7202-0205
swing arm, method (arm/fiber selector)	0626-982-01

OPTICAL PATH, LPG

cavity, lpg, FRU (tested)	0635-094-01
etalon, FRU	0636-007-01
flashlamp, Alex/VPW	0629-876-01
galvo, ics, FRU	0631-929-01
ktp, lpg, FRU (tested, aligned, w/mount)	0635-098-01
optic, M4-1, relay, far	0625-870-01
optic, M4-2, relay, near	0627-890-01
optic, M4-3	0625-795-01
optic, M4-4	0629-405-01
optic, M4-5	0625-796-01
optic, M4-6	0625-797-01

OPTICAL PATH, ALEX

cavity, alex, fru	0631-108-01
flashlamp, Alex/VPW	0629-876-01
optic, M1-1, relay, far	0625-884-01
optic, M1-2, relay, near	0627-891-01
optic, M1-3, oc	0624-980-01
optic, M1-4, hr	0625-883-01
prism, P1-1,2	0625-882-01
Q1, Q-Switch, Alex	0625-808-01

OPTICAL PATH, QS ND

cavity, qs nd, FRU	0631-106-01
flashlamp, QS ND	0619-450-01
galvo, beam selector	0632-057-01
optic, M2-1, relay, far	0627-892-01
optic, M2-2, relay, near	0627-874-01
optic, M2-3	0625-978-01
optic, M2-4, mounted, galvo blade	0632-054-01
optic, M3-4, oc, gaussian, FRU	0631-931-01
optic, M3-5, hr	0625-803-01
Q3, Q-Switch, Nd	0625-875-01
telescope, fru	0632-051-01
W3-1, Polarizer, FRU	0625-873-01
W3-2, Quarterwave Plate, FRU	0632-623-01

OPTICAL PATH, FD QS ND

filter, F3-1, beam dump	
filter, F3-2, beam dump	
KTP, QS FRU	0631-900-01
optic, M3-1,3, dichroic	0625-872-01
optic, M3-2, relay, near	0627-890-01

PRINTED CIRCUIT BOARDS

Beam Dump PCB	0627-405-01
Driver, Q-Switch, FRU	0631-119-01
Controller, CPU, FRU (w/handpiece int. PCB)	0632-495-01
I/O, Rear Panel	0629-453-01
ICS galvo driver	0627-407-01
Interconnect, Optics	0627-767-01
XMTR (CPU only)	3701-0119
RCVR (CPU only)	3701-0120
Interface, Handpiece	0629-121-01
LPG ICS board	0626-183-01
PCB, Driver, Servo	0627-765-01
PCB, Driver, Galvo (ICS & QS beam selector)	0627-407-01
Photometer, LPG, FRU	0632-448-01
Photometer, Q-Switch, FRU	0632-450-01
PCB, Selector, Output, Arm/Fiber	0627-401-01
PCB, LPGICS	0626-183-01
Software, EPROM	0629-966-01
Software, EPROM HELP-G	0633-425-01
EPLD U88	0629-974-01
EPLD U92	0629-972-01

HIGH VOLTAGE POWER SUPPLY

HVPS, VPC, FRU	0633-167-01
HVPS, VPV, FRU	0633-168-01
bridge rectifier	4802-0728
fiber, optical, set, FRU	0632-527-01
fuse, 100mA	5110-0326
fuse, 120A, B+	5110-0302
fuse, 1A	5110-0251
fuse, 250mA	5110-0248
fuse, 50mA	5110-0263
PCB, Controller, HVPS	0629-130-02
PCB, Controller, HVPS HELP-G	0629-130-01
PCB, Simmer/Start, HVPS	0626-697-01
rail, mounting	1403-0041
resistor, soft start (100W, 55W)	4712-2604
resistor, bleed down (500W, 55W)	4712-2601
thermistor, coldplate	0628-130-01
wires, hv, pod, c, set	0628-302-01
wires, hv, pod, vpw, set	

CHASSIS ELECTRICAL

block, fuse	5111-0124
breaker, 15A, 220V	5108-0140
breaker, 20A, 110V	5108-0130
cap, switch, emergency, red	5102-0123
capacitor, fan, running	2601-0169
contactor, aux	4501-0508
contactor, main	4501-0500
contactor, softstart, 110V	4501-0497
contactor, softstart, 220V	4501-0498
cord, power, 8/3, 16'	6005-0098
filter, line, EMI	6101-0025
fuse, 20A, 250V	5110-0329
fuse, 4A, 250V	5110-0254
fuse, 250V, 250mA	5110-0248
fuse, 500mA, 250V	5110-0282
fuse, 800mA, 250V	5110-0250
kit, voltage conversion	0632-162-01
lvps, computer	4001-0222
lvps, isolated FRU	0631-888-01
PCB, Interlock	0629-477-01
switch, key, FRU	0631-938-01
switch, stop, emergency, FRU	0631-941-01
timer, softstart	4501-0499
transformer, isolation, T1	0627-003-01
transformer, isolation, T2	0628-889-01
varistor, VR1, 275V	4802-0290
varistor, VR2, 47V	4716-0007
varistor, VR3	5109-0009

CHASSIS HARDWARE

bumper, door, front	0619-668-01
bumper, panel, side	0621-057-01
castors, front	1407-0161
cover, access, blastshield	0621-132-01
cover, c, top, white, FRU	0631-934-01
cover, vpw, top, white, FRU	0632-332-01
display, FRU	0632-192-01
door, front, no disp, FRU	0632-088-01
handle, back	0619-410-01
handle, door, front	0619-411-01
hinge, door	1406-0147
latch, door, front	1406-0146
mobile front wheel	1407-0163
optics bench cover	0632-022-01
photometer access cover	0632-025-01
optics bench, rear corner cover, "C"	0632-023-01
optics bench, rear corner cover, "VPW"	0632-024-01
panel, side, key, FRU	0631-952-01
panel, side, nokey, FRU	0631-955-01
speaker	2208-0014
tower, arm, method	0629-749-01
vent, panel, side	0619-927-01
wheels, rear	1407-0150
wheels, rear, mobile	1407-0164

COOLING SYSTEM (all models)

cartridge, deionizer w/fittings	0638-763-01
clamp, hose, sst, #10	2522-0132
clamp, hose, sst, #6	2522-0005
fan, fru	0629-010-01
filter, air	0622-418-01
filter, particle, water, 0.2 micron	2603-0147
bracket, filter housing	0637-140-01
screw, filter housing	2801-0192
housing, filter, water	2603-0136
PCB, SmartFan	2601-0171
sensor, conductivity, water, FRU	0634-252-01
sensor, temperature, fan	2601-0117
sensor, temperature, water	0634-254-01
switch, flow, water, fru	0624-631-01
tank, water, upper	0625-935-01
water, 2.5 gal, DI	1604-0033

COOLING SYSTEM, Original (Copper/Brass)

heat exchanger, copper	0619-397-01
manifold, pump head w/motor, FRU	0622-851-01
pump, water FRU	0634-916-01
tank, water, lower	0619-443-01

COOLING SYSTEM, Improved (Alum/Stainless)

heat exchanger, aluminum	0635-684-01
pumphead, water	3501-0163
motor/pump/manifold FRU	0639-601-01
tank, water, lower (with fittings)	0636-840-01

CABLE HARNESSSES

cable, CPU to solenoid	0627-928-01
cable, display	0627-826-01
cable, driver, QS	0627-825-01
cable, ICS galvo sensor	0627-823-01
cable, LPG Photometer	0627-795-01
cable, output, lvps, isolated	0629-367-01
cable, P16, lvps	0633-286-01
cable, P2, temp/flow	0629-368-01
cable, QS Photometer	0627-794-01
cable, rear I/O to CPU, footswitch	0629-188-01

cable, rear I/O handpiece interface	
cable, ribbon, 44pin	0628-241-01
cable, ribbon, 50pin	0627-791-01
cable, servo drive	0627-788-01
cable, servo galvo encoder	0628-498-01
cable, twisted pair, QS	0627-821-01
cable, YAG galvo driver	

0629-187-010628-240-01