

TRUMPF

Laser parts

| | Laser parts | Amount | Descrip. | TRUMPF number |
|----|---|--------|----------|---------------|
| 1 | LEM 12A - 4010- Power measuring sensor | 1x | Optic | 12-08-18-00 |
| 2 | CLV3 | 1x | Board | 18-06-63-00 |
| 3 | SUN4 | 2x | Board | 18-06-63-00 |
| 4 | Power pack | 1x | Board | 16-59-28-99 |
| 5 | Isolation transformer | 2x | Board | 16-59-28-75 |
| 6 | Set of fuses,connectors | 1x | Board | - |
| 7 | FGD | 2x | Board | 18-06-50-00 |
| 8 | ILV2 | 3x | Board | 18-06-67-00 |
| 9 | V-MOD2 | 2x | Board | 18-06-94-00 |
| 10 | Galvo motors + mirror | 10x | Optic | - |
| 11 | Ventilators for cooling LSV | 3x | Cooling | 16-95-50-38 |
| 12 | Adjusting tools for optic LINOS | 1x | | - |
| 13 | Solenoid valve+filter+Manometer | 1x | Cooling | 16-20-**-** |
| 14 | Flow sensor | 3x | Cooling | 16-59-28-85 |
| 15 | Coductivity sensor | 1x | Cooling | |
| 16 | Level sensor | 2x | Cooling | 16-59-24-59 |
| 17 | Beam splitter (50%/50%) | 1x | Optic | |
| 18 | Beam switch to the Right | 1x | Optic | 22-13-15-00 |
| 19 | Shutter to the right | 2x | Optic | 22-13-25-00 |
| 20 | Beam divider to the Right T50 (50%/50%) | 2x | Optic | 22-13-11-00 |
| 21 | Deflection to the right 90° | 1x | Optic | 22-13-09-00 |
| 22 | Physical divider- Left (20%-80 %) | 1x | Optic | 22-29-15-00 |
| 23 | Laser mirror HR | 2x | Optic | 11-04-06-33 |
| 24 | Laser mirror AR | 2x | Optic | 11-04-06-62 |
| 25 | Lens in optic tube | 7x | Optic | 22-27-65-00 |
| 26 | OPHIR Energy meter- NOVA display | 1x | Optic | - |
| 27 | Optic. Fiber LLK-A 06/ 10 | 7x | Optic | |
| 28 | Interlock switchgear | 2x | Board | 16-59-89-01 |
| 29 | LLK monitoring | 1x | Board | 18-06-39-00 |
| 30 | INV | 2x | Board | 18-06-52-00 |
| 31 | Cooler2 | 2x | Board | 18-06-18-00 |
| 32 | Focusing optic D25 0 ° Bifocal | 2x | Optic | 22-27-25-00 |
| 33 | Focusing optic D25 90 ° mono | 7x | Optic | 25900000 |
| 34 | LLR | 1x | Board | 18-06-49-00 |
| 35 | LMP | 1x | Board | 18-06-51-00 |
| 36 | SUN1 | 1x | Board | 18-12-04-00 |
| 37 | Cooling for LSV | 1x | Cooling | |
| 38 | Cooling valve | 2x | Cooling | |
| 39 | Cooling unit | 1x | Cooling | |
| 40 | Main circuit braker | 2x | Board | |
| 41 | Laser glass | 1x | | |
| 42 | Remote control box | 2x | Board | 05-04-79-00 |
| 43 | Power supply 5V,15V,24V | 1x | Board | |
| 44 | Flash lamp LUMONICS 136/8 KR CDQ | 8x | Cavity | 12280090A |
| 45 | Flash lamp LAY100 K / 6 zoll | 1x | Cavity | 82667084 |
| 46 | Laser ROD- Nd/YAG | 1x | Cavity | P5400370X |
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| Laser parts | | Amount | Descrip. | TRUMPF number | | |
|--------------|---|--------|---------------------|--|--|--|
| 1. | LLK-S 06/6m including optic + connector | 1 | optic cable + optic | 22-10-03-00 Nr. 1938, optic 22-20-69-00, 90° | | |
| 2. | LLK-S 04/6m including optic + connector | 1 | optic cable + optic | 22-11-03-00/a SN2033, optic 22-20-69-00, 90° | | |
| 3. | LLK 04/10m including optic + connector | 4 | optic cable + optic | 22_11-05-00 , optic 22-20-69-00, 90° | | |
| 4. | LLK 06/10m including optic + connector | 2 | optic cable + optic | 22_10-05-00 , optic 22-20-69-00, 90° | | |
| 5. | Focusing optic D25 0 ° Bifocal | 2 | Optic | 25921000 | | |
| 6. | Focusing optic D25 90 ° mono | 7 | Optic | 25900000 | | |
| 7. | Optic splitter | 1 | Optic | 22-21-49-00/a 22-21-27-00 | | |
| 8. | Isolation transformer | 2 | Board | 16-59-28-75 | | |
| 9. | CLV3 | 1 | Board | 18-06-63-00 | | |
| 10. | SUN | 2 | Board | 18-06-63-00 | | |
| 11. | FGD | 2 | Board | 18-06-50-00 | | |
| 12. | ILV2 | 3 | Board | 18-06-67-00 | | |
| 13. | V-MOD2 | 2 | Board | 18-06-94-00 | | |
| 14. | LLR | 1 | Board | 18-06-49-00 | | |
| 15. | LMP | 1 | Board | 18-06-51-00 | | |
| 16. | LLK monitoring | 1 | Board | 18-06-39-00 | | |
| 17. | INV | 2 | Board | 18-06-52-00 | | |
| 18. | Cooler2 | 2 | Board | 18-06-18-00 | | |
| 19. | Beam switch to the Right | 1 | Optic | 22-13-15-00 | | |
| 20. | Shutter to the right | 2 | Optic | 22-13-25-00 | | |
| 21. | Beam divider to the Right T50 (50%/50%) | 2 | Optic | 22-13-11-00 | | |
| 22. | Deflection to the right 90° | 1 | Optic | 22-13-09-00 | | |
| 23. | Physical divider- Left (20%-80 %) | 1 | Optic | 22-29-15-00 | | |
| 24. | Laser mirror HR | 2 | Optic | 11-04-06-33 | | |
| 25. | Laser mirror AR | 2 | Optic | 11-04-06-62 | | |
| 26. | Lens in optic tube | 7 | Optic | 22-27-65-00 | | |
| 27. | OPHIR Energy meter- NOVA display | 1 | Optic | - | | |
| 28. | LEM 12A - 4010- Power measuring sensor | 1 | Optic | 12-08-18-00 | | |
| 29. | Galvo motors + mirror | 10 | Optic | - | | |
| 30. | Set of fuses,connectors | 1 | Board | - | | |
| 31. | Power pack | 1 | Board | 16-59-28-99 | | |
| 32. | Interlock switchgear | 2 | Board | 16-59-89-01 | | |
| 33. | Solenoid valve+filter+Manometer | 1 | Cooling | 16-20-**-** | | |
| 34. | Flow switch | 2 | Cooling | 16-59-28-85 | | |
| 35. | Ventilators for cooling LSV | 3 | Cooling | 16-95-50-38 | | |
| 36. | Laser ROD- Nd/YAG | 1 | | | | |
| 37. | Coductivity sensor | 1 | | | | |
| 38. | SUN1 | 1 | | | | |
| 39. | Cooling valve | 2 | | | | |
| 40. | Cooling unit | 1 | | | | |
| 41. | Main circuit braker | 2 | | | | |
| 42. | Laser glass | 1 | | | | |
| 43. | Remote control box | 1 | | | | |
| 44. | Power Supply HALTEC EFX19-210-001 SN: 2.7 | 1 | | | | |
| 45. | Flash lamp LUMONICS 136/8 KR CDQ | 8 | | | | |
| 46. | Flash lamp LAY100 K / 6 zoll | 1 | | | | |
| 47. | Adjusting tools for optic LINOS | 1 | | - | | |
| 48. | Level switch | 1 | Cooling | 16-59-24-59 | | |
| total | | | | | | |

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|--|------|-------|--|--|--|
| Optic. Fibers LLK and LLK-S including optics | 8pcs | Optic | | | |
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| Focusing optic D25 90 ° Bifocal - including optic part 22-27-04-00/04 | 2 | Optic | | 25921000 | |
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| Focusing optic D25 90 ° mono | 7 | Optic | | 25900000 | |
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| Optic splitter | 1 | Optic | 22-21-49-00/a 22-21-27-00 | | |
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| CLV3 | 1 | Board | 18-06-63-00 | | |
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| SUN | 2 | Board | 18-06-63-00 | | |
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| FGD | 2 | Board | 18-06-50-00 | | |
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| ILV2 | 3 | Board | 18-06-67-00 | | |
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| V-MOD2 | 2 | Board | 18-06-94-00 | | |
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| LLR | 1 | Board | 18-06-49-00 | | |
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| LMP | 1 | Board | 18-06-51-00 | | |
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| LLK monitoring | 1 | Board | 18-06-39-00 | | |
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| INV | 2 | Board | 18-06-52-00 | | |
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| Cooler2 | 2 | Board | 18-06-18-00 | | |
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| Deflection to the right 90° | 1 | Optic | 22-13-09-00 | | |
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| Shutter to the right | 2 | Optic | 22-13-25-00 | | |
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|---|---|-------|-------------|--|--|
| Beam divider to the Right T50 (50%/50%) | 2 | Optic | 22-13-11-00 | | |
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|-----------------|---|-------|-------------|--|--|
| Laser mirror HR | 2 | Optic | 11-04-06-33 | | |
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|-----------------|---|-------|-------------|--|--|
| Laser mirror AR | 2 | Optic | 11-04-06-62 | | |
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| Cooling unit | 1 | | | | |
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| Cooling valve | 2 | | | | |
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| Flash lamp LAY100 K / 6 Zoll | 1 | | | | |
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| Flash lamp LUMONICS 136/8 KR CDQ | 8 | | | | |
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| Galvo motors + mirror | 10 | Optic | - | | |
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|-------------|---|--|--|--|--|
| Laser glass | 1 | | | | |
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| Laser ROD- Nd/YAG | 1 | | | | |
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| LEM 12A - 4010- Power measuring sensor | 1 | Optic | 12-08-18-00 | | |
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| Flow switch | 3 | Cooling | 16-59-28-85 | | |
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| OPHIR Energy meter- NOVA display | 1 | Optic | - | | |
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| Remote control box | 2 | | | | |
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| Power Supply HALTEC EFX19-210-001 SN: 2.7 | 1 | | | | |
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