

Surelite III PIV™

| Description | SL III PIV |
|---|------------|
| Repetition Rate (Hz) | 10 |
| Energy ¹ (mJ) | |
| 1064 nm | 825 |
| 532 nm | 380 |
| Pulsewidth ² (nsec) | |
| 1064 nm | 4-6 |
| 532 nm | 3-5 |
| Linewidth (cm ⁻¹) | 1 |
| Divergence ³ (mrad) | 0.5 |
| Beam Pointing Stability (±μrad) | 100 |
| Rod Diameter (mm) | 9.5 |
| Jitter ⁴ (±ns) | 0.5 |
| Energy Stability ⁵ (±%) | |
| 1064 nm | 2.5;0.8 |
| 532 nm | 3.5;1.2 |
| Power Drift ⁶ (±%) | |
| 1064 nm | 3.0 |
| 532 nm | 5.0 |
| Beam Spatial Profile (fit to Gaussian) ⁷ | |
| Near Field (<1M) | 0.7 |
| Far Field (∞) | 0.95 |
| Max. deviation from Gaussian ⁸ (±%) | |
| Near field (<1M) | 30 |

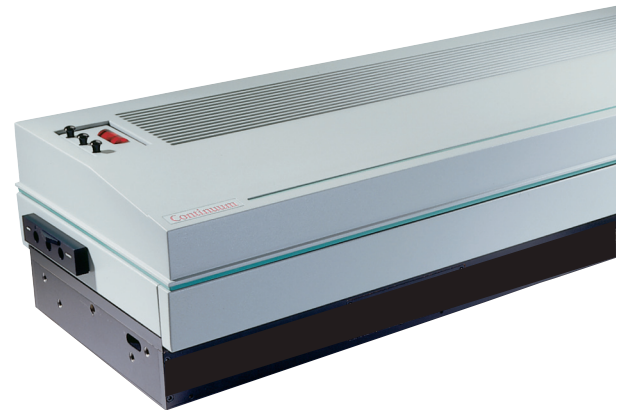
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Vision
Ingenuity
Power
Versatility

New Surelite III PIV

Continuum has added a new Surelite PIV option to its comprehensive line of PIV products. The new configuration satisfies the recent demand for a higher energy PIV system, making Surelite III PIV a perfect choice for more demanding applications.

The system features a compact turn-key design providing 100's of mJ in each pulse at 532 nm and offers excellent beam quality, long term stability and increased overall reliability. The ease of operation and safety features, as well as long lifetime, make the Continuum PIV system an excellent choice for your dual pulse application.



For more information, please contact your local Continuum representative, www.continuumlasers.com, or call 1(866)532-1064.