

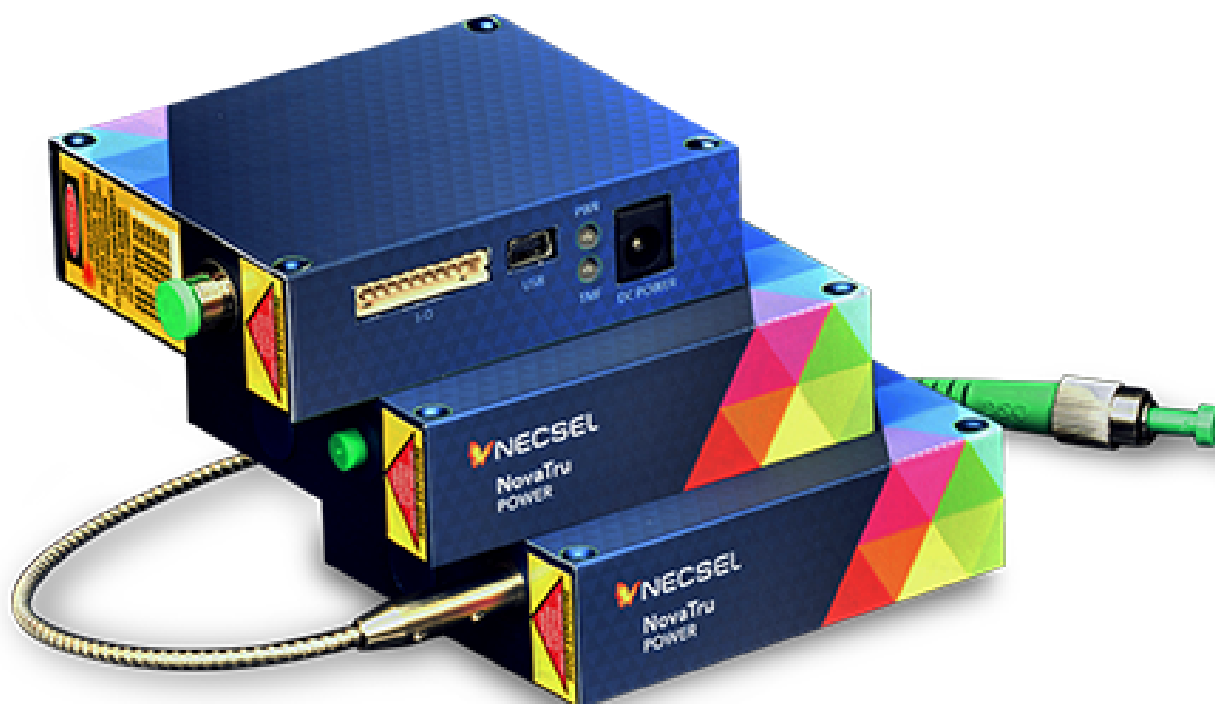
Products

NovaTru™ POWER 375 **Power Stabilized**

25–50mW Single Mode

100–200mW Multimode

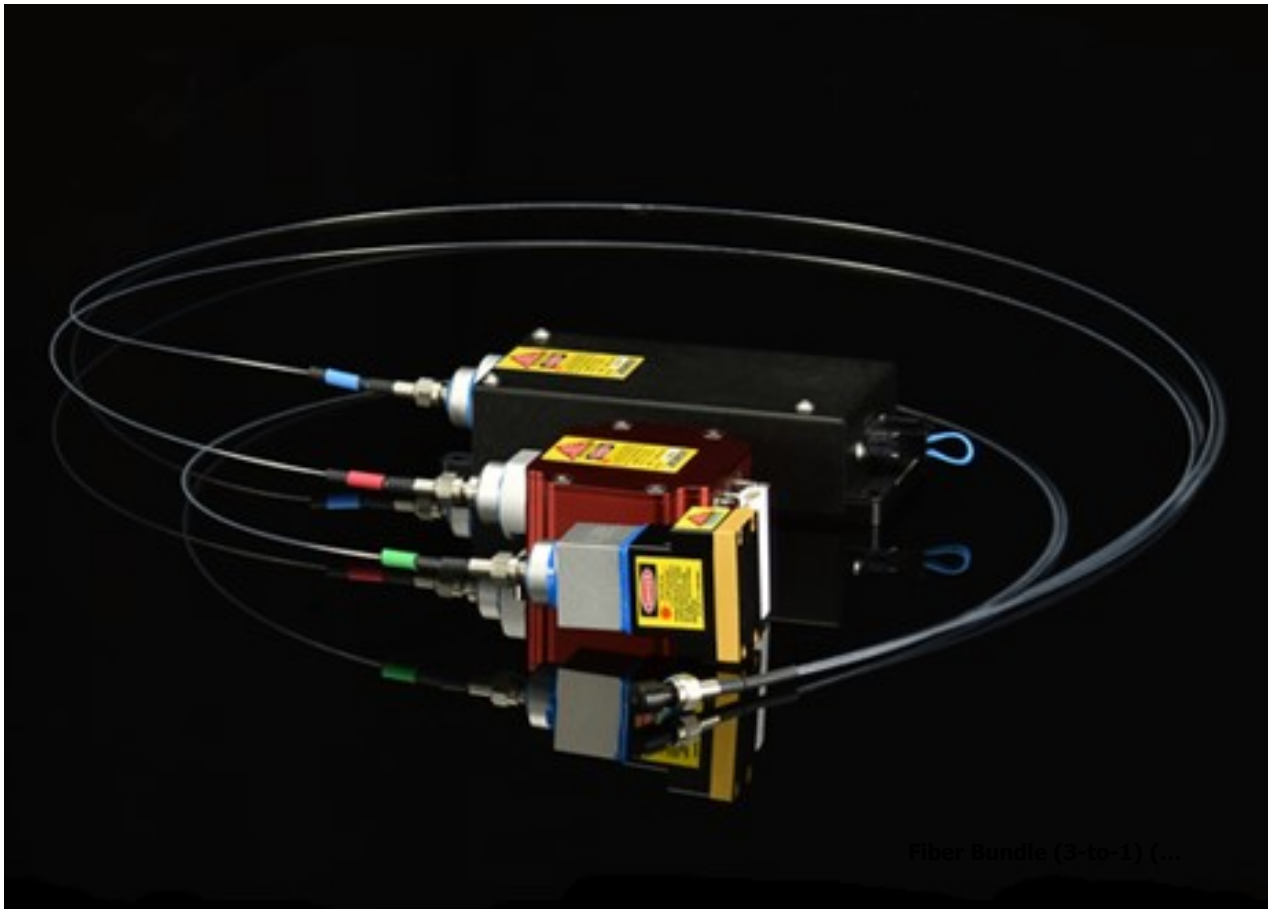
This laser module offers ultra stable power performance with VBG locked-on linewidth and/or precise power control in the same compact footprint as our other NovaTru modules. It's also available in multimode and single mode versions.



Optional Accessories







Fiber Bundle (3-to-1) (...



Features

Compact, Small Box Design
Power Stabilized to <math><0.4\%</math>
Low Power Consumption
Common Footprint

Applications

Semicon Metrology
Printing
Microscopy
Forensics

Single Mode Operating Specifications

| Parameter | Units | Min | Typical | Max |
|--|---------|-----|---------|-----|
| Output power | mW | 25 | - | 50 |
| Spectral linewidth | nm | | 1-2 | |
| Wavelength stability (over 8 hours) | nm | | +/- 1 | |
| Optical power stability (over 8 hours) | % pk-pk | | < 1 | |
| Noise (10Hz - 100MHz) | %rms | | 0.2 | |
| Adjustable Output Power | | | 10-90% | |

Single Mode Electrical Specifications

| | | | | |
|---------------------------------|-----|--|-----------|--|
| Case temperature | °C | | 10-40 | |
| Humidity (non-condensing) | % | | 5-95 | |
| DC input 1 | | | 0.5A @ 9V | |
| DC input 2 | | | 2A @ 3V | |
| Warm-up time (typical) | sec | | 10 | |
| Power consumption (typical/max) | W | | < 20 | |

Multimode Operating Specifications

| | | | | |
|--|---------|-----|--------|-----|
| Output power | mW | 100 | | 200 |
| Spectral linewidth (typical) | nm | | 2 | |
| Wavelength stability (over 8 hours) | nm | | +/- 1 | |
| Optical power stability (over 8 hours) | % pk-pk | | < 0.4 | |
| Noise (10Hz - 100MHz) | % rms | | 0.2 | |
| Adjustable Output Power | | | 10-90% | |

Multimode Electrical Specifications

| | | | | |
|------------------|----|--|-------|--|
| Case temperature | °C | | 10-40 | |
|------------------|----|--|-------|--|

| | | |
|---------------------------------|-----|-----------|
| Humidity (non-condensing) | % | 5-95 |
| DC input 1 | | 0.5A @ 9V |
| DC input 2 | | 2A @ 3V |
| Warm-up time (typical) | sec | 10 |
| Power consumption (typical/max) | W | < 20 |



Stay in Touch

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