

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

NEW FOCUS



Swept-Wavelength Laser
Model 6528-LN

	6528-LN
Tuning Range	1520-1620 nm
Absolute Wavelength Accuracy[1]	30 pm
Mode-Hop Performance	Mode-Hop Free
Wavelength Resolution[2]	0.1 pm
Wavelength Repeatability	<±2.5 pm
Wavelength Stability[3, 7]	<5 pm
Tuning Speed	1-100 nm/s
Output Power	>+1 dBm (1570-1620 nm) >-1 dBm (1520-1570 nm)
Power Repeatability[7]	±0.01 dB
Power Stability[3]	±0.01 dB
Amplified Spontaneous Emission (ASE)[8]	>70 dB[4] >90 dB[5]
Integrated Dynamic Range[8]	>55 dB[6] >60 dB[6, 7] (1540-1620 nm)
Side-Mode Suppression Ratio[7]	>50 dB
Control Pad	Icon-Based Touch Screen
Control-Pad Cord Length	4 feet
Fiber Connector	FC/APC
Fiber Type	PM (Polarization Maintaining)
TTL Triggers	2 Settable Triggers
Computer Interface	IEEE, RS232C, Ethernet, Keyboard, and Mouse
Operating Temperature	15-35 °C
Storage Temperature	-20 °C to 70 °C
Shock/Vibration	ISTB Procedure 2B
Operating Humidity	90% RH (non-condensing)
Warm-Up Time	45 minutes
Size	19" Rack Mount, 3U high

(1) After wavelength recalibration (user-performed function).
(2) 1 pm in step mode.
(3) 1 hour, temperature ±2 °C.
(4) 0.1-nm bandwidth, signal to max ASE, 1-3 nm from carrier.
(5) 0.2-nm bandwidth, signal to max ASE, >5 nm from carrier.
(6) Signal to total ASE >0.5 nm from carrier.
(7) Typical.
(8) Measurement taken at maximum rated power.
CAUTION: Viewing the laser output with certain optical instruments (for example, eye loupes, magnifiers, and microscopes) within a distance of 100 mm may pose an eye hazard.

Copyright © 2003 New Focus Inc. All rights reserved.

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP