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400mW 640nm OBIS XT

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 Stock #75-323 NEW CONTACT US

- 1 + **£13,968^{.00}**

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General

Warm-Up Time (minutes): <5	Manufacturer: Coherent®
Type of Laser: Diode Pumped Solid State	Laser Class - CDRH: IV
Model Number: 1443426	

Physical & Mechanical Properties

Dimensions (mm): 125.0 x 70.0 x 36.5	Weight (g): 450
Pointing Stability (µrad/°C): <5	Pointing Stability (µrad): <30

Optical Properties

Polarization: 100:1	Spatial Mode: TEM ₀₀
Wavelength (nm): 639.50	Mode Quality, M²: ≤1.1
Beam Diameter Tolerance (mm): ±0.05	Beam Diameter (mm): 0.7
Beam Divergence (mrad): Full-Angle: <1.4	Color: Red

Electrical

Output Power (mW): 400	RMS Noise: ≤0.25% (20Hz to 20MHz)
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Hardware & Interface Connectivity

Output Type: Free Space	
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Environmental & Durability Factors

Operating Temperature (°C): +10 to +35

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

- Compact, Thermally Efficient Design for Ease of Life Science System Integration
- 320, 349, and 640nm Wavelength Options Available
- Integrated Controller with RS-232, RS-485, and USB Interfaces

Coherent OBIS XT Laser Systems offer an advanced extension of the **OBIS LS/LX**, delivering powerful performance across ultraviolet and visible wavelengths. These lasers are available in UV wavelengths of 320 and 349nm, with output power options ranging from 20 to 150mW, and a higher-power 640nm wavelength option with output powers of 400 or 500mW. Flexible communication interfaces, including RS-232, RS-485, and USB, allow for seamless integration and real-time control in complex applications. Coherent OBIS XT Laser Systems are designed to simplify system integration, utilizing their compact form factor, integrated controller, as well as a low thermal output. This reduces the need for external cooling and streamlines OEM and end-user implementation. OBIS XT lasers are ideal for a wide range of applications, including life sciences, biomedical, flow cytometry, DNA Sequencing, and fluorescence microscopy.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

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