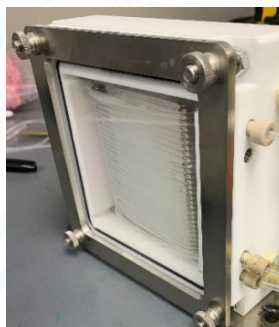
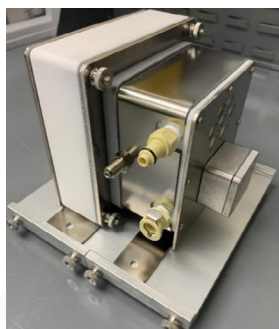


IRIS Lab™ Photoreactor

Snapdragon Chemistry's IRIS LAB™ Photoreactor is a high-yield, small-footprint photoreactor platform that combines flexibility with scalability, from laboratory development to kilo lab operations.

Features

- Highly productive flow photoreactor system for laboratory development and PoC material delivery (up to 10 g/h productivity).
- Process developed in IRIS LAB™ is directly scalable for kilogram delivery in IRIS MAX™ photoreactor.
- Adjustable ultra-high photon intensity (Max 600 mW/cm²) with purpose-designed LED board.
- Available monochromatic LED of UV to blue (λ 365, 385, 405, and 460 nm wavelengths).
- Adjustable light path length (0.5-3.2 mm ID tubing).
- Easily replaceable reactor tubing.
- High efficiency recirculating temperature control. Wide photoreaction temperatures (-40-80 °C).



About Cambrex

Cambrex is a leading global contract development and manufacturing organization (CDMO) that provides comprehensive analytical and IND enabling services, as well as drug substance development and manufacturing across the entire drug lifecycle.

With over 40 years of experience and a team of 2,000 experts servicing global clients from North America and Europe, Cambrex is a trusted partner in branded and generic markets for API development and manufacturing.

About Snapdragon Chemistry

Snapdragon Chemistry specializes in active pharmaceutical ingredient (API) batch and continuous flow process development, utilizing state-of-the-art automation technology and proprietary equipment to solve complex process and analytical development challenges.

With R&D and manufacturing headquartered in Waltham, Massachusetts, Snapdragon's 70+ employees come with strong ties to the local scientific community, with 31 PhD scientists on staff.

Specifications

IRIS wetted materials	PEEK, PTFE, PFA
Liquid connections	Inlet and Outlet, process and coolant connections, chemical resistant quick-disconnect coupling.
Max ambient temperature	30 °C
Dimensions, weight	W9 x H9 x D9 inches (W229 x H229 x D229 mm), 15.2 lbs (6.88 kg)
Electrical requirements	100-240 VAC / 50-60 Hz (IEC C14 connector)
Safety certificates	UL 514470