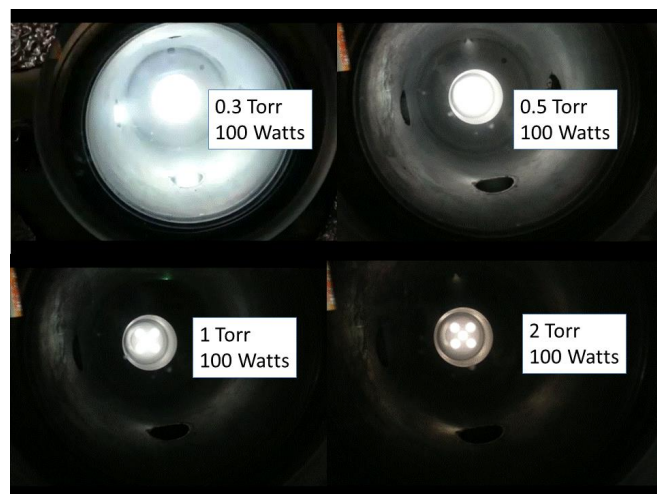




## Hollow Cathode Plasma Sources for Oxygen ALD



Meaglow Ltd offers for sale custom built hollow cathode plasma sources for semiconductor and other applications. Hollow cathode sources offer the following advantages:

- Low cost
- System conversions
- Scalable to large areas (more holes = greater area)
- High electron density – similar to inductively coupled and microwave plasma sources
- Wide range of operating pressures (eg. from <100 mTorr to >100 Torr).
- RF or DC operation

### Related Papers:

- K. S. A. Butcher, B. W. Kemp, I. B. Hristov, P. Terziyska, P. W. Binsted and D. Alexandrov, Japanese Journal of Applied Physics **51** (2012) 01AF02.
- C. Ozgit-Akgun, E. Goldenberg, A. Kemal Okyay and N. Biyikili, Journal of Materials Chemistry C **2** (2014) 2123.

For more information on Meaglow Ltd or its hollow cathode plasma sources, visit our website [www.meaglow.com](http://www.meaglow.com) or contact us at [info@meaglow.com](mailto:info@meaglow.com).

Meaglow Ltd manufactures and sells crystal growth research reactors and supplies thin films to semiconductor research institutes and industry.

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