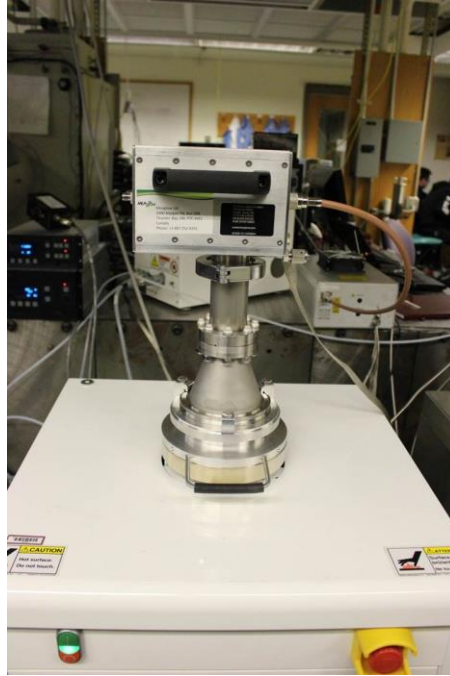




## Conversion of Thermal ALD to Plasma Assisted ALD

- Conversion of commercial and home built ALD systems
- 300 and 600 watt systems, higher on request. No water cooling.
- 4" and 8" wafer diametre, plus larger on request
- Oxides, nitrides, other
- **Hollow Cathode Technology with Low oxygen contamination**
- Cost effective
- High electron density  $> 10^{12} \text{ cm}^{-3}$  for some conditions.
- Wide range of operating pressures (eg. from  $< 10 \text{ mTorr}$  to  $> 5 \text{ Torr}$ ).
- Improved growth per cycle for many material systems



Meaglow has several solutions for the conversion of thermal ALD with its hollow cathode plasma technology. Contact us at [info@meaglow.com](mailto:info@meaglow.com) or phone +1 807 252 4391.

**Related Papers:**

- E. Edri and H. Frei, Journal of Physical Chemistry C **119** (2015) 28326..
- C. Ozgit-Akgun, E. Goldenberg, A. Kemal Okyay and N. Biyikili, Journal of Materials Chemistry C **2** (2014) 2123.
- K. S. A. Butcher, V Georgiev and D. Georgieva, Coatings **11** (2021) 1506.

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) .