



The NEXT GENERAT

## 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 >  $10^{12}$  cm<sup>-3</sup> for some conditions.
- Wide range of operating pressures (eg. from < 10 mTorr to > 5 Torr).
- Improved growth per cycle for many material systems

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Meaglow has several solutions for the conversion of thermal ALD with its hollow cathode plasma technology. Contact us at <u>info@meaglow.com</u> 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 Chemisty C 2 (2014) 2123.

For more information on Meaglow Ltd or its hollow cathode plasma sources, visit our website <u>www.meaglow.com</u> or contact us at <u>info@meaglow.com</u>.

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