

Press Release

Neuchâtel, Switzerland, November 4th, 2011.

Indeotec SA unveils new orders for plasma processing equipment for Hetero-Junction c-Si and TF-Si.


- New order for its new generation system “Octopus II” for pilot production
- Repeat order for 2 PECVD modules on “Octopus I” for process development

After unveiling Octopus II at PVSEC 2011 in Hamburg, Indeotec announces the company has received a firm order and down payment for this tool. Octopus II (300 x 400 mm²) is a new generation tool based on Octopus product family which is an 8-sided modular cluster equipment combining several PECVD, PVD, heating and customized chambers around the central unit.

The first two “Octopus I” (125 x 125 mm²) have been delivered and installed at PV Lab-EPFL in 2009 and used for the development of Hetero-Junction c-Si and TF-Si. These tools have proved to be very effective and reliable R&D platform with top device quality and performance. PV Lab has placed orders for two additional PECVD deposition modules.

Dr. Omid Shojaei, CEO of Indeotec said: “Octopus offers the capability of processing entire solar cell device inside one system without breaking the vacuum between the various PECVD and PVD steps and is a unique process development and pilot production tool. PV-Lab has recently published 20.6% for HJ c-Si exclusively using Octopus for absorbers layers depositions”.

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Who we are



INDEOtec is a company driven by innovation, technology and committed to providing practical and top-quality solutions that save time and improve the transfer of technology in the solar cells segment. Our staff is comprised of a team of talented and experienced professionals with indepth knowledge of thin films and solar PV.

What we do




OCTOPUS product family (R&D and pilot production) is a modular and fully automated cluster equipment with multiple PECVD/PVD deposition modules. Octopus offers outstanding flexibility and reliability for manufacturing and optimization of hetero-junction and thin film silicon solar cells.

Who we serve



Our customers are R&D institutes and cell/module manufacturers. Indeotec supplies solutions for a wide range of technologies in the thin film arena. Octopus can process devices on silicon wafer & glass and serves both hetero-junctions crystalline and thin film silicon applications among others.

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