



INDEOtec SA is a Swiss plasma process equipment manufacturer providing the market with state of the art thin film deposition equipment since 2007.

Octopus II

Modularity, Flexibility, Reliability.

www.indeotec.com

22%

**Efficient
solar cells**

8-sided modular cluster

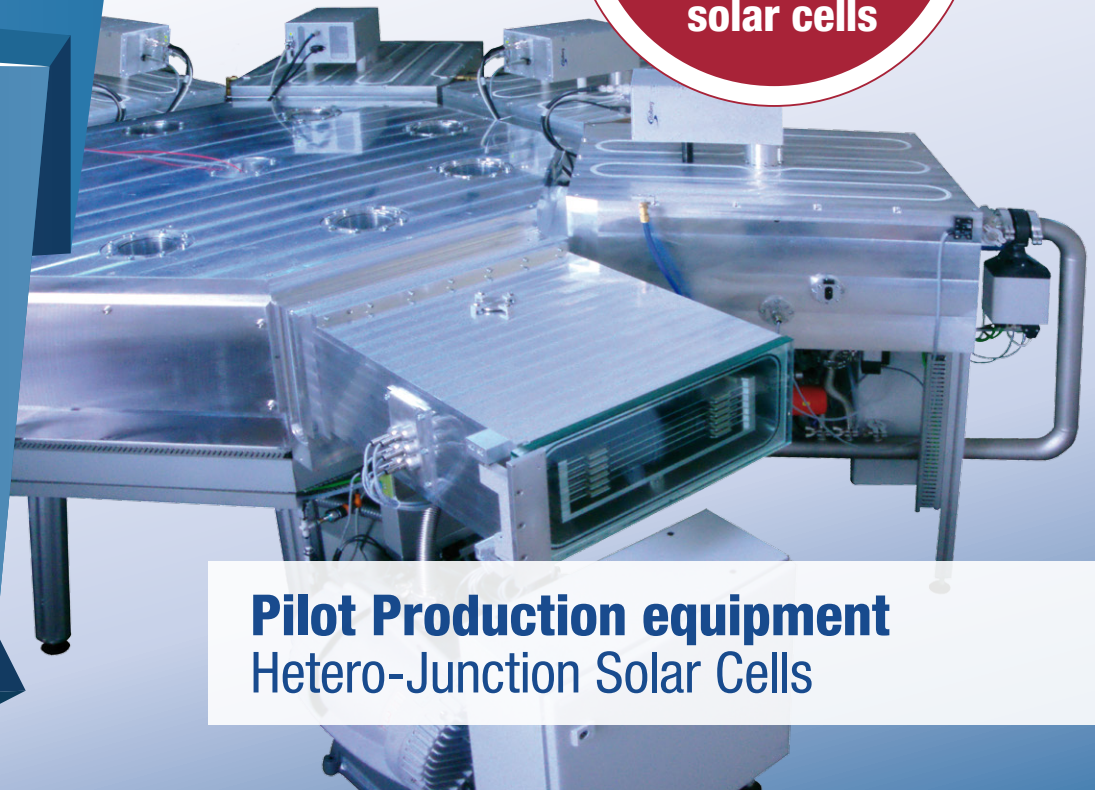
- PECVD: a-Si & mc-Si (intrinsic and doped)
- PVD: TCO (ITO, ZnO) & Metallization (Ag)
- Loading / Unloading / Pre-heating

Substrate carrier: 350 x 450 mm² plate

- 4 x 6" wafers or
- 6 x 5" wafers

Throughput

- 5MW (or 250.000 plates) per year
- complete cells (passivations, junctions & metallizations).



Pilot Production equipment
Hetero-Junction Solar Cells

SWISS MADE

INDEOtec

presents

"Octo-Line"

One stop shop for **Hetero-Junction technology**, from wafers to cells.

"Turn-Key Pilot Production Line"



Modularity

- Wet bench texturing
- Octopus II (PECVD & PVD depositions)
- Screen-printing
- Test & sort of cells
- Process technology



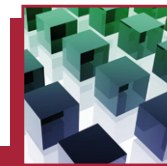
Flexibility

- Cell structure
- Process & system parameters
- Integration of customized modules
- Tasks and operation steps set by users
- Wide range of process regimes
- Manual or automatic line



Reliability

- Fully automated with digital control of processing equipment
- Excellent batch to batch reproducibility
- No cross contamination between deposition modules
- High throughput allowing significant test samples and accelerating transfer of technology



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