

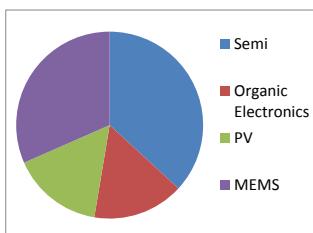


## High-Tech Distribution and Consulting

merconics is a competent and experienced partner for the distribution of advanced capital equipment and process materials for the European semiconductor, photovoltaic industry, printed electronics and related markets. The systems of our principals can be used in a variety of segments of the above-mentioned markets, such as advanced chip or solar components manufacturing and respective R&D activities. We focus our efforts on providing solutions that enable our customers to meet today's challenging technology and manufacturing requirements.

### merconics fact sheet

merconics a Bergkirchen (Munich), Germany based company was founded in 2008 by Harald Moder a semiconductor industry veteran with some 20 years of experience in semiconductor processing. Over the past five years merconics also developed a profound knowledge of the photovoltaic (PV) market not only in Europe but on a worldwide scale. Since its incarnation merconics could demonstrate strong continuous revenue growth.



Technologies in merconics portfolio by market

merconics established a Thin Film related portfolio and represents principals with products ranging from materials, process equipment and process control to offer its customers a comprehensive solution for Thin Film Applications in the semiconductor industry.

Over the years continuously new principals were added to compliment the portfolio and establish merconics as the Thin Film Experts for equipment distribution in Europe. Access to those different technologies enable merconics to offer customers the best solutions for their research & development or manufacturing challenges.

The markets served are Semiconductor, Photovoltaics, MEMS, Compound Semi and Printed Electronics. Beside sales support flexible service concepts can be offered including warranty support, on-call or on-site services.

### High-Tech Distribution

Currently merconics is representing twelve principals. Several start-up principals were promoted in the PV and other industries and first revenue for them could be generated within the first year of representation.

#### Materials

**Sunsonix** is developing chemistry for the photovoltaic industry to enhance process quality and hence improve efficiency. This includes material for reduction of metal contamination or texturing.

**NovaCentrix** develops Nanoinks eg. Cu, Ag which can be used in various applications eg. for PE.

#### Process Equipment

**ASAP**, Tokyo (Japan) Metal lift-off, developer, coater and mask-aligner equipment for Compound Semi and MEMS applications.

**Ceradrop** from Limoges, France is an equipment manufacturer specializing in the design and marketing of inkjet printers dedicated for high-accuracy 2D and 3D multi-material deposition for printed electronics and new energy technologies.

**Mustang Solar** a Sarasota, Florida based company designs and manufacturers sputter and evaporation process equipment for thin film photovoltaic production both for deposition roll-to-roll and on glass substrates.

**Nines Photovoltaics** a Dublin, Ireland based company designs equipment for a novel dry etching process that works at atmospheric pressure.

**NovaCentrix** an Austin, Texas based company develops and manufactures equipment for photonic curing incl. drying, annealing and sintering of films for printed electronics.

**Ultratech** (former Cambridge NanoTech), Waltham (Mass.) supplies equipment for R&D Atomic Layer Deposition (ALD) for ultra thin and conformal films.

**Veeco**: Etching & Deposition equipment incl. IBE, IBD, PVD, CVD, ALD, MOCVD, MBE equipment for MEMS, Compound Semi and power IC application.

#### Characterization

**Atonometrics**, Austin (Texas) develops and manufactures Continuous Solar Simulator, Light Soaking and UV-Chamber equipment for PV module testing.

**Inspectrology**, Sudbury (Mass.) provides high precision optical CD and Overlay control measurement equipment.

**GPP** Chemnitz, a Germany based company develops and manufactures equipment for inspecting wafers, solar cells and photovoltaic modules.

**Zeta Instruments** a San Jose, California based company manufactures precision metrology systems with true color 3D metrology and imaging, and film thickness in one compact unit. Excellent performance, fast measurements and high degree of automation especially on low reflectivity and high roughness samples.

#### Partners deliver success

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