Xioneer Systems launches its **new 3D printing system "X1s Industrial"** at FormNext 2018

After winning the FormNext Start-Up Award for outstanding innovations in 3D printing with its desktop 3D printer "Xioneer X1" in 2016, Xioneer Systems will launch its newest system, the "Xioneer X1s Industrial" at FormNext 2018.

Dr. Andrei Neboian, the founder of Xioneer Systems: "*The X1s was designed to ensure that high industrial quality is no longer considered a luxury in 3D printing. Our goal is to combine high print quality and performance with maximum flexibility and minimum effort at the same time*".

This strategy pays off for Xioneer Systems since the first machines have already been delivered to first customers in Europe. Offering "Quality and Service Made in Austria", the company even allows its customers to certify their own materials for the X1s. Big names like Bosch and Fischer are already benefitting from the Xioneer technology.

Functional materials

Thanks to its intuitive operation and broad material range, the Xioneer X1s produces functional parts from advanced thermoplastic materials like ABS, Nylon, Polycarbonate (PC), flexible TPU

as well as carbon-fiber reinforced Nylon, for which a special abrasive-resistant ceramic nozzle has been developed.

Process reliability through automation

The Xioneer X1s offers a fully integrated solution to achieve optimal printing results in the shortest possible time. With active chamber heating, in-line material drying units and water-cooled nozzles, the X1s can process advanced engineering plastics to strong and precise functional components. Fully automated material handling, quick-change nozzle units, and the patented topographic calibration system ensure ease of use and high process stability. The X1s is manufactured from high quality industrial components in Vienna, Austria.

New nozzle system for more performance and flexibility

A print-nozzle is the heart of a 3D-printer – Xioneer's nozzle system in the X1s represents one of the unique features of their new 3D-printer. Precise calibration of two swappable nozzle-units allows printing two different materials in two different resolutions within a single part. 3D-printed parts gain more functionality by allowing you to combine properties of different materials for your small-series production runs. When printing such hybrid parts, you can also combine the high printing speed of our "BOLD" nozzle with the precision of our "FINE" nozzle for fine details in order to reduce your printing time from days to hours.

Experience the Xioneer X1s

Join Xioneer Systems at booth 3.1- B90 to experience the X1s live and listen to the following speeches on additive manufacturing from Xioneer founder Dr. Andrei Neboian:

- "Printing hybrid parts with two different materials" at 13:30 on Tuesday, November 13
- "Printing complex functional parts with soluble support structures" at 13:30 on Wednesday, November 14
- "Printing functional parts with the Xioneer X1s Industrial", an inhouse press conference at 13:45 on Thursday, November 15

www.xioneer.com

Hybrid-Gearwheel
Carbonfiber reinforced PA12 and Poyamid-6X

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