

A CeraPrinter F-Serie – Modular-Based Scalable Platform now equips EPFL's Microsystems for Space Technologies Lab (LMTS)



“ In the World of competitions and challenges for producing of new exciting applications, we are proud to be selected by such a brilliant institution like EPFL-LMTS: Microsystems for Space Technologies Lab in Switzerland. The institution is strongly involved in the cutting-edge research activities for smart microsystems, foil and elastomeric based sensors and actuators. Preparing the offer for one of our CeraPrinter Model we have included the high-end configurations and options in order to supply All-in-one Advanced equipment for State-of-the-art research goals. The F-Serie printer produced for EPFL-LMTS includes Inkjet and Aerosol Jet® printing. The equipment embeds the most advanced digital printing technologies in combination with the post-processing units: UV/NIR curing & four points probe resistivity measurements. In addition to Inkjet printing, the system comes with a complete Aerosol Jet® configuration: ultrasonic and pneumatic aerosol generators with nozzles for printing fine and wide patterns. Currently, being tightly involved in the partnership between CERADROP and EPFL-LMTS, this fact makes us proud to highlight our mutual collaboration for interactions in technology improvement and bilateral promotion of our activities. ” –

stated **Nicolas BERNARDIN, Deputy Managing Director at CERADROP.**



“ We are very excited by our new F-Serie printer delivered by CERADROP. This tool is unique on the market in its complete configuration “All-in-one” thanks to the modular concept offered. Such a tool is necessary for us to face the present and future R&D challenges in the field of printed electronics and microsystems. The Printer provides flexibility to achieve high resolution, large area and 2.5D printing of a wide range of ink and material formulations. Thanks to this system, we are in a unique position to innovate in our academic and industrial R&D projects. In addition to strong progresses expected in 2D printing of electronic and sensing components, the technology enables printing (2.5D) on objects with topography, for emerging developments on functional and smart 3D printed components. ” –

noted **Dr. Danick BRIAND, Team Leader and Senior Scientist at EPFL-LMTS.**



“ CERADROP, a MGI Group company, strongly appreciates the recognition and investment by EPFL-LMTS into CeraPrinter F-Serie Model. This partnership reinforces our implementation in the World Market linked to advanced equipment for Printed Electronics and Smart 3D Printing. ” –

concluded **Dr. Rémi NOGUERA, MGI Group Deputy Managing Director and Managing Director for CERADROP.**

Learn more about CERADROP Equipment range
at www.ceradrop.fr/en



ABOUT CERADROP, A MGI GROUP COMPANY

The MGI Group is composed of MGI Digital Technology, headquartered in Fresnes, France, CERADROP, located in Limoges, France and KÖRA-PACKMAT, located in Villingendorf, Germany. Founded in 1982, MGI Digital Technology designs, manufactures and markets a full and innovative range of award-winning digital presses and a complete line of versatile finishing solutions.

CERADROP designs and markets Materials Deposition Digital Printers exclusively for Printed Electronics Industry and Smart 3D Printing. Thanks to its modular-based scalable concept, CeraPrinter Series models present new opportunities for feasibility study and launch of new products into the Printed Electronics market. Combining several materials deposition technologies as well as the latest generation of curing modules, this equipment line permits to reach a wide range of application fields such as: membrane switch, antennas, sensors, passive components, interconnection, flexible solar cells (OPV), OLED Displays and others...

As the subsidiary of MGI Group focused on Printed Electronics and Smart 3D Printing, CERADROP can call up more than 60 engineers specialized in inkjet engine, mechanics, automation, software, chemistry, and ink management to supply the best materials deposition digital printing solution from advanced R&D up to 24/7 high performance manufacturing including photonic curing and high throughput manufacturing capacity of several m²/min. Moreover, CERADROP is supported by the MGI Group network in 70 countries with 50 representatives. Achieving more than 75% of its turnover from export and providing a unique process support to its customers, CERADROP makes easier and more efficient use of Digital Printing technology for Printed Electronics and Smart 3D Printing worldwide.



ABOUT EPFL-LMTS

The EPFL-LMTS is a laboratory of the Ecole Polytechnique Fédérale de Lausanne, a leading European technical university. One of our goals is to develop environmentally conscious microfabrication processes and microsystems. We rely on a state-of-the-art soft processing and printing platform and unique expertise in microsystems that allow cutting edge R&D on green foil and elastomeric based smart systems. We are developing actuators, sensors, energy harvesting and integration technologies for the fabrication of energy efficient systems on polymeric, elastomeric, cellulosic and biodegradable substrates. Actuating, sensing, energy harvesting and storage, and integration technologies for multi-layers flexible and stretchable hybrid systems are our core activities. We also have extended experience in transferring our technology to industry.

Learn more about EPFL-LMTS Research Activities
at <http://lmts.epfl.ch/>

PRESS CONTACT:

Nicolas Bernardin

Deputy Managing Director
CERADROP, a MGI Group company
32 rue de Soyouz, Parc d'ESTER,
87068 Limoges, FRANCE
Tel: +33 555 38 26 96
E-mail: n_bernardin@ceradrop.fr



Discover our Youtube channel

For more information

www.ceradrop.fr/en/