

LIST made its choice for CeraPrinter X-Serie – Advanced system for Printed Electronics

CERADROP, a MGI Group company, announces CeraPrinter X-Serie, All-in-One Inkjet Process Development system, installation at the Luxembourg Institute of Science and Technology (LIST).



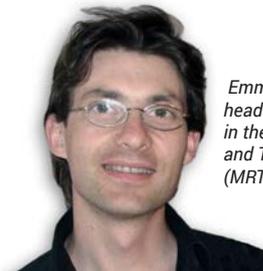
“ CERADROP is proud to highlight its close collaboration with LIST and its choice of our state-of-the-art CeraPrinter system. Being a leader in advanced technologies and innovative products development they chose a CeraPrinter for their activities in the field of Printed Smart Materials. CeraPrinter X-Serie is all-in-one high precision materials deposition inkjet printer coming from materials science enables to take up all challenges in process development required by the PE domain. Thanks to its key technological advantages and smart engineering CeraPrinter permits to achieve great progress in this field ”:

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



“ After careful examination of different options for this kind of equipment on the world market, we decided to buy a CeraPrinter X-Serie from CERADROP. We are developing smart materials as ceramic thin films on various substrates and we believe that the CeraPrinter system is the most powerful tool for our activities. The printer is versatile, provides us with reproducible processes and is very efficient thanks to its integrated annealing module. It is well adapted for materials screening but also rapid prototyping. Moreover, the very efficient process support provided by CERADROP enables us to make the most of the Ceraprinter ”:

said **Emmanuel Defay, head of group in the Materials Research and Technology Department (MRT) at LIST.**



*Emmanuel Defay,
head of group
in the Materials Research
and Technology Department
(MRT) at LIST.*

“ We are proud to supply such a prestigious institution like LIST with our advanced equipment. Targeting our customers' progress we are going to supply strong partnership and settle tight collaboration in order to develop new processes based on Inkjet Materials deposition technology. ”:
concluded **Nicolas BERNARDIN.**



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 THE LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST)

The Luxembourg Institute of Science and Technology (LIST) is a mission-driven Research and Technology Organisation (RTO) that develops advanced technologies and delivers innovative products and services to industry and society. As a major engine of the diversification and growth of Luxembourg's economy through innovation, LIST supports the deployment of a number of solutions to a wide range of sectors, including energy, IT, telecommunications, environment, agriculture, and advanced manufacturing at national and european level. Thanks to its location in an exceptional collaborative environment, namely the Belval Innovation Campus, LIST accelerates time to market by maximizing synergies with different actors, including the University of Luxembourg, the national funding agency and industrial clusters.

MRT (Materials Research and Technology), one of the three departments of LIST, translates cutting-edge research on smart materials towards industrial innovation. It focuses on two key enabling technologies: nanotechnologies and advanced materials, and investigates research questions related to transducing materials and actuators, photocatalysis and energy harvesters, transparent electronics and smart nanocomposites, point-of-care and drug delivery, modeling and design of structures and multifunctional composites, bio-based polymers and composites, adhesion and compatibilization of fibres/matrix, process engineering and advanced manufacturing.

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