

ACREO Swedish ICT installs full options CeraPrinter F-Serie – All-in-one State-of-the-art Digital Materials Deposition Platform



“ Keeping updated about the new technological achievements in Printed Electronics for the emerging applications, which make our life more interactive, digital, secure and smart; we have designed a high-end CeraPrinter F-Serie platform allowing the players to achieve the targeted results in advanced R&D. Today, we highly appreciate to announce our equipment installation by one of the European top research institutes – ACREO Swedish ICT. The institute works in the fields of electronics, optics and communication technologies providing cutting edge resources and knowledge. The acquired F-Serie system represents a true integration All-in-one State-of-the-art machine with full options configuration from the key-players of PE domain. Starting from a drop analysis up to complete functional devices manufacturing the CeraPrinter offers numerous advantages and capabilities to accomplish advanced hybrid process development and bring multiple research efforts to success. ” –

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



“ As a research institute we encounter a broad variety of challenges, and the CeraPrinter F-Serie is a really versatile machine with many print and curing options. Typically we build/deposit materials at a $\mu\text{m}/\text{nm}$ -scale so precision printing and alternative methods to create thin layers and cure is increasingly important – sometimes screenprinting is not adequate and we can then go for Aerosol Jet® or Inkjet easily. We also like the small footprint of the machine regarding the high level of technology embedded (Inkjet, Aerosol Jet®, AdphosNIR®, UV LED, NovaCentrix PulseForge®). Moreover, the level of precision enabling us to trial new material compositions. The CeraPrinter F-Serie is therefore an important part in creating one of the leading pilot lines in the world for printed electronics, as we create printed sensors, diodes, transistors and entire hybrid systems for use in wearables, IoT, medtech and other sectors. ” –

noted **Bjorn Norberg, Sales Manager Printed Electronics at ACREO Swedish ICT AB.**



“ We strongly appreciate the recognition and investment by ACREO into CeraPrinter F-Serie Model. This fact reinforces our world presence and makes us successfully involved in tight partnership enabling new technological achievements and results. ” –

concluded **Nicolas BERNARDIN.**

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 ACREO SWEDISH ICT

The Printed Electronics Arena (PEA) in Norrköping, Sweden, is a center for commercializing printed and organic electronics, operated by ACREO Swedish ICT. At PEA you can test your ideas in areas such as Wearables, IoT, Medtech, or research – we can create new forms of electronic systems, spanning from single components to entire systems. With a base in conventional printing technology and usage of flexible substrates we can develop sensors, prototypes and hybrid systems combining the best of several worlds. We help all types of businesses with counseling, technical development and prototypes, and can also function as a sounding board for commercializing technology. ACREO Swedish ICT offers innovative and value-adding ICT solutions – from idea to prototype – for sustainable growth in industry and society. Our strength is hardware. We provide cutting edge resources and technologies within Digital Communication, Life Science, Clean Technologies and Industrial Production. ACREO Swedish ICT has 125 employees in Kista, Gothenburg, Norrköping and Hudiksvall. ACREO is a part of RISE – Research Institutes of Sweden.

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



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