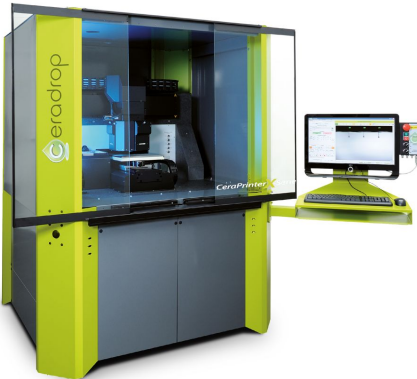
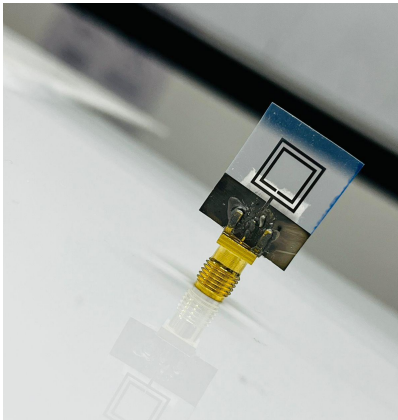


UCSP at the Forefront of Sensors & IoT R&D by Owning CeraPrinter !



“ CERADROP, a MGI Group company, is pleased to announce the installation of the CeraPrinter at the Universidad Católica San Pablo - UCSP! The UCSP is one of the most recognized Universities working in the field of advanced materials for emerging applications study and development, dedicated to the Telecommunication Sector.

The UCSP, through the Departments of Electrical and Electronic Engineering and Industrial Engineering, has been making efforts to promote the scientific and technological development of Arequipa and the country - Peru. Its Advanced Additive Manufacturing Laboratory, where CeraPrinter has been installed, focuses on printing electronic systems such as antennas, circuits, sensors, transducers, among others. The acquisition of CeraPrinter platform is co-financed by CONCYTEC PROCIENCIA - National Council for Science, Technology and Technological Innovation, in the framework of call E041-01 contract number 004-2018-FONDECYT-BM.

With a focus on innovation, the main activities of MGI-CERADROP team are based on concept, development, and commercialization of cutting-edge equipment for Printed Electronics and complex multi-material 3D micro-printing. Therefore, MGI-CERADROP is grateful for the opportunity to provide the UCSP with CeraPrinter, which is a versatile equipment combining deposition technologies, post-process modules and advanced & user-friendly softwares to meet the most challenging R&D objectives. “



“ The technology for deposition of materials by inkjet, the technical characteristics in resolution, size and printing speed, have made us choose this product. Additionally, the integration of the entire process in a single product and the quick response of the sales team together with the guidance of the CERADROP engineering team have tipped the balance to opt for this product.

We focus on the development of cost-effective electromagnetic sensors for medical, agricultural and environmental applications. We also work on the design of antennas with different high-bandwidth materials for IoT applications.

The acquired model has all the integrated processes, which facilitates the prototyping process. The technical characteristics of the product are adequate for our research work and, above all, we have constant technical support. “



Efrain Mayhua-Lopez, Ph.D. Director of the professional school of electronic and telecommunications engineering at UCSP.



CERADROP, A MGI GROUP COMPANY

The MGI Group is composed of MGI Digital Technology, headquartered in Fresnes, France, CERADROP, located in Limoges, France and KORA-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 and many 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.



THE UNIVERSIDAD CATOLICA SAN PABLO-UCSP

The Universidad Católica San Pablo - UCSP, is an academic community animated by the guidelines and life of the Catholic Church which, in the light of faith and with the effort of reason, seeks the truth and promotes the integral formation of the person through activities such as research, teaching and extension, to contribute to the configuration of culture according to the identity and deployment of the human being. At UCSP we have 11 educational departments whose purpose is to generate and share knowledge in different areas in order to contribute with the training of better professionals.

The Department of Electrical and Electronics Engineering of the UCSP consolidates an academic center for Professional Training of a high scientific and technological level of national and international reference. To this end, it deploys its functions in the transversal areas of Undergraduate, Postgraduate, Research and Service and Projection to Society.

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