

Press Release



Humanized laboratory instruments - thanks to Colani Colani lives on in the lab

Berlin, 4 November 2019:

LUM GmbH is a leading international provider of innovative measurement technology for particle characterization in the nano and micro sector, for dispersion analysis and materials testing. Since 2015, there has been a close collaboration with star designer Luigi Colani on the ergonomic design of three new LUM measuring instruments.

Luigi Colani (born August 2, 1928 in Berlin, † September 16, 2019 in Karlsruhe) was a German designer. Colani was known for his aerodynamic, biomorphic forms for cars, airplanes and many other commodities. He described his organic design language as a biodesign and defined this as a "humanization of the human-machine interface" through the "ergonomics and knowledge of the latest materials". The universal claim of his 3D philosophy led to a corresponding optimization of almost all customizable objects. Colleagues and journalists often regarded Colani's designs far ahead of the present [1].

Far ahead, or at least at the forefront, LUM GmbH would like to be in their field. In the words of Prof. Dr. Dr. Dietmar Lerche, Managing Director of LUM GmbH: "We are lucky to have met Prof. Colani and were allowed to work intensively with him. His keen curiosity and profound interest in the functionalities and application possibilities of the new LUMiReader® PSA, LUMiFlector Lab and LUMiSpoc measuring instruments had always to be satisfied first, before he took over the device design. Beauty and ergonomics form a unity, so working in the laboratory can be fun. We are delighted to bring the avant-garde Colani design for three innovative analytical instruments to production this year and to offer it to our customers worldwide from 2020, helping to spread the unique Colani's design to a hitherto unknown scientific and industrial area."

The LUMiReader® PSA is available as a powerful particle sizer and dispersion analyser for laboratory use. With the LUMiFlector, either in the laboratory or at-line, product parameters are determined in a simple manner in a matter of seconds. From the determination of fat, protein and dry matter in dairy products to the parameters of pharmaceutical or bioproducts. Colani's latest LUMiSpoc is already available for application testing as a new single particle counter and will be commercially available in 2020.

[1] https://de.wikipedia.org/wiki/Luigi_Colani, 29.10.2019, 09:44

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On the enclosed pictures: Luigi Colani; Analytical measuring instruments from LUM, designed by Colani