



PRESS RELEASE – POWTECH Stand 3A-470

Work smarter - LUM and the New Generation of High Pressure Homogenizers

LUM GmbH starts exclusive distribution of PSI-homogenizers in several countries

Berlin, 5.4.2016:

With immediate effect LUM GmbH, Berlin, Germany, starts the exclusive distribution of PSI instruments in Germany, Austria, France and China. The distributorship agreement between the manufacturer Particle Solutions Innovations BV from the Netherlands and LUM GmbH forms part of the development strategy of LUM. LUM is market leader for innovative analytical instruments for particle characterization and for direct and accelerated characterization of emulsions and suspensions up to materials testing, like the timesaving determination of adhesion forces and composite strength.

By extending its product portfolio with PSI high pressure homogenizers LUM increases the competence in deagglomeration, emulsification, particle size reduction and cell disruption. LUM now offers processing solutions for the production and optimization of formulations, too, in addition to tailor-made analytical instruments for the quality control (stability, particle and droplet size distribution) of those formulations.

Based on 20 years experience of the manufacturer, the new PSI instruments (pharmaceutical grade) mix technology and ergonomics. They feature guaranteed scalability from lab scale to production units, very low noise, complete digital control and online data acquisition and last but not least a competitive price. The sample chambers, featuring typical Y- or Z-geometry, are fully compatible with other high pressure homogenizers.

For the processing of customer samples and demonstrations LUM operates in Berlin a PSI-20, with a sample throughput from 60 millilitres up to 20 litres per hour and pressures up to 2000 bar.

On the enclosed picture: High pressure homogenizer PSI-20

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