



**Polygraphische innovative
Technik Leipzig**

Press Release

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PITSID To Showcase New Products at Fachpack 2019

Leipzig, 02nd July 2019

PITSID Polygraphische innovative Technik Leipzig GmbH will once again be attending Fachpack this year. The exhibition will be taking place from 24 - 26 September at the Exhibition Centre Nuremberg.

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After a successful appearance last year with the premiere of the Separating Force Gauge PEEL CONTROL, which is used for the easy measurement of the separating force of glued or heat-sealed materials, PITSID will be presenting other newly developed devices this year as well.

This year's highlight will without a doubt be the NIP CON SMART, an evolutionary development of the well-established Contact Zone Gauge NIP CON. This device delivers fast and reliable information about the contact zone pressure between roller pairs. The further improvements make the device indispensable in modern times. The now available bi-directional communication via Bluetooth makes the adjustment, set-up and operation of the device even easier. It allows for the digital output, analysis and documentation of the measured results. By using an interactive visualisation of the roller pair diagram, it is almost impossible to make wrong adjustments. The system can communicate with PCs and mobile devices and can be easily connected to networks. It is a big step in the direction of the often quoted 'Industry 4.0' for operators.

The second attraction at the stand will be a solution to precisely measure and identify the dimensional accuracy of flat objects. In order to accomplish this, a coded dot pattern is applied to a carrier substrate. During the measurement, a camera records the contours of the object and precisely evaluates the X and Y coordinates. This opens up numerous possibilities to record surfaces, angles, edges and diameters.

Possible applications can be found in the paper industry, in the processing of printed products as well as many other industry branches where an exact measurement of flat surfaces is essential. For example, the results of die-cutting and trimming operations can be measured extremely fast and with the highest precision using this measurement method.

Amtsgericht Leipzig HRB 15 550
USt-IdNr. DE 201216636
WEEE-Reg.-Nr. DE 73 410 149
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Visitors will also be able to be informed about the portfolio of the Saechsische Institut fuer die Druckindustrie, an affiliate company of PITSID. The institute is focused on research and development for the printing and packaging industries as well as offering services for these branches. This includes material and substrate testing, machine acceptance tests according to relevant standards as well as certifications.

We look forward to your visit to our stand 9-522 as well as engaging in interesting discussions with you.



Image 1: The innovative measuring device NIP CON SMART for the adjustment of cylinder and roller pairs



Image 2: System for determining the dimensions and shape accuracy of large flat objects