

# NEW RANGE OF UV-INTEGRATORS BRINGS ADDED VALUE TO CUSTOMERS

Karlheinz Mohn outlines the need for accurate measurement comparability

This year, looking back on its 50 years of company history, TECHNIGRAF acknowledges that, in its last five decades, it has built up an excellent reputation as a manufacturer for exposure units and UV-conveyor belt dryers for the printing industry. In addition to this production equipment, which it believes is largely indispensable in the screen-printing segment, TECHNIGRAF has also led the field for developing UV-measuring instruments needed for graphic and industrial procedures.

The technological knowledge resulting from such high production depth allows a wide range of individual technical solutions for end customers. This, in turn, opens the door for a solid contribution to the company's overall results for the years ahead.

## NEW LAUNCHES

The launch of some of these new products for use in the measuring business have already taken place. These will provide additional value and options for the customers. For example the family of the AKTIPRINT UV-Integrator (UV-A) and the AKTIPRINT UV-Integrator S (UV-A) will be complemented by the new AKTIPRINT UV-Integrator Full-UV (250 to 410nm) and the special AKTIPRINT UV-Integrator LED-UV (265 to 495nm).

These new integrators are very robust in their handy and compact design. The solid aluminium case and the integrated heat shield allow use in daily production business and, with their size (Ø 90mm, 12mm height and 140g weight), they fit in every bag or trouser pocket. Furthermore the 'Full-UV' and the 'LED-UV' are calibrated according to DIN EN ISO/IEC 17025 and, therefore, fulfil the



The new AKTIPRINT UV-Integrator Full-UV (250 to 410nm)

requirements of the modern quality management systems.

The AKTIPRINT UV-Integrator Full-UV is developed especially for the dose measurement of the UV lights of conventional Hg radiators as it is possible to cover the whole range of the UV-C, UV-B and UV-A with the sensor on the back of the casing. The AKTIPRINT UV-Integrator LED-UV is a measurement instrument to show the UV-dose at UV-LED lights with their high intensities. Both of these new AKTIPRINT integrators are suitable for the belt dryers and the continuous dryers from TECHNIGRAF as well as other brands.

## USER-FRIENDLINESS

The high user-friendliness and the standard calibration are two of the arguments in favour of adopting the new AKTIPRINT integrators. As a result they are of particular interest to customers who are planning to reconstruct or



TECHNIGRAF's special AKTIPRINT UV-Integrator LED-UV (265 to 495nm)

build up their quality management.

The comparability of measurement results is a basic theme which is often discussed among experts. Therefore, in the process of measurement, the instruments play a central role. As such it is important to know that the results of the proven AKTIPRINT UV-Integrator (UV-A) and UV-Integrator S (UV-A) – both calibrated to the TECHNIGRAF house standards – and the results of the new integrators, 'Full-UV' and 'LED-UV', are not comparable due to the different measurement ranges and the varying calibration. ■

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