

Press Release

byko-spectra *pro* light booth – See things the right way

Geretsried, September 2017

BYK-Gardner, worldwide partner of the automotive, paint and plastic industries for quality control of color, appearance and physical properties, is introducing the new byko-spectra *pro*. No other light booth came ever closer to natural daylight. Thanks to the combination of LEDs and filtered halogen lamps byko-spectra *pro* offers the best D65 on the market.

Visual perception is highly subjective as it is influenced by our individual color preferences depending on our personal experience. At the same time we make decisions all the time based on the color of a product. Consistent color is a key factor in our purchasing decision, as we associate it with high quality. To optimize the color consistency, you need standardized test procedure as well as neutral surrounding and defined illumination.

The real challenge is to simulate natural daylight which is defined by CIE D65 and D75 illuminants. The daylight-based technology in our light booths assures consistent, accurate rendering of color with CIE rating of A/C based on CIE Publication 51.

Special features:

- Improved quality of D65 and D75 light source because of LED correction
- Enhanced long-term stability of daylight source
- D65, D75, A, HZ, CWF, TL84, U30 and UV light sources to remove the risk of metamerism and evaluate optical brighteners or fluorescent pigments
- Traceable factory certificate guarantees precision and accuracy of all lamps
- Adjustable light level for optimum viewing of any color – from bright to dark
- Internal daylight color temperature recalibration
- Efficient work management due to automatic sequence mode

The byko-spectra *pro* supports you in your daily color communication and will be a key component in your approval process. Put byko-spectra *pro* to the test and check out the special introduction offer!

More information is available from BYK-Gardner GmbH, P.O. Box 970, 82534 Geretsried, Germany. By fax: +49-8171-3493140, the free service no. 0-800-gardner (0-800-4273637) or at www.byk.com/instruments .

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Contact
Marketing

Carola Gaulke
Marketing / Werbung
Tel +49 8171 3493-162
Fax +49 8171 3493-140
Carola.Gaulke@altana.com

BYK-Gardner GmbH
Lausitzer Strasse 8
82538 Geretsried
Germany
Tel +49 8171 3493-0
Fax +49 8171 3493-140
info.byk.gardner@byk.com
www.byk.com

About BYK Additives & Instruments:

BYK Additives & Instruments is a leading supplier in the field of additives and measuring instruments. Additives are chemical substances which, when used in small quantities, improve product properties such as scratch resistance or surface gloss. They permit the rheological behavior of liquid materials to be adjusted, providing the optimum conditions for smooth-running manufacturing and application processes.

The coatings, inks and plastics industries are among the main consumers of BYK additives. Yet with exploration technology of oil/gas, the manufacture of care products, the manufacture of adhesives and sealants, and construction chemistry, too, BYK additives improve the product characteristics and production processes.

Testing and measuring instruments from BYK effectively evaluate the quality of color, gloss and appearance as well as the physical properties of paint, plastic and paper products and are an important part of quality control.

As a globally operating specialty chemicals company, BYK has production sites in Wesel, Kempen, Moosburg and Schkopau (Germany), Deventer and Denekamp (Netherlands), Widnes (UK), Wallingford, Gonzales, Louisville (USA) and Tongling (China).

BYK's instrument section (BYK-Gardner) is based in the Upper Bavarian town of Geretsried.

Today the company employs more than 1,800 people worldwide and forms part of the ALTANA Group.

This press release is also available on the internet at: <http://www.byk.com/en/press-events/press-releases.html>

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