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Contact: Casey Strauch
+1 612 239 8830
C.Strauch@Hohenstein.com

Hohenstein's WATson is now a DIN SPEC standard

The WATson heat loss device quantifies the evaporative cooling of textiles.

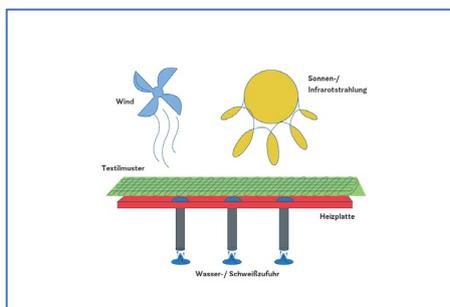
BÖNNIGHEIM, GERMANY (June 5, 2019) – The 2019 published DIN SPEC 60015 “Quantitative measurement of the evaporative heat loss of smart textile materials for work, sports / outdoor and leisure” defines the measuring procedure and requirements for textiles and clothing that claim to have a cooling effect. This already offers a market compliant standard. The next stage is to convert the method into an ISO standard.

WATson is the only device worldwide that can quantitatively measure the evaporative cooling ability of a textile or textile system and is already well received in the performance apparel and home textiles industries. It measures the dynamic interaction of textiles and human thermal regulation with customizable climatic conditions and sweat rates.

Only a 25x25 cm fabric sample is required for the WATson test, which provides data on average cooling power, cooling power over time, fabric response and dry time. The data is used for product development, benchmark comparisons, quality assurance and verified marketing claims.

In addition to the measurement scenarios defined in DIN SPEC 60015, WATson's setup can be tailored to meet specific requirements.

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Hohenstein uses the WATson Heat Loss Tester measurement device to measure the cooling power of textiles..

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Hohenstein Institute America

401 S. Cavin St.
Ligonier, IN 46767
Phone: 800.731.9468
E-mail: USA@Hohenstein.com
www.Hohenstein.US

Contact:

Casey Strauch
Phone: 612.239.8830
E-mail: C.Strauch@Hohenstein.com



Hohenstein's WATson offers manufacturers performance measurements and optimization in material development.

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About Hohenstein

With global headquarters in Bönningheim, Germany and 1000 employees in offices and labs around the world, Hohenstein offers accredited and independent textile testing, certification, research and development as well as training for more than 70 years. Product labels such as the Hohenstein quality label or the UV Standard 801 support manufacturers and retailers in their marketing activities. As a founding member, Hohenstein is also one of the most important laboratories for testing within the OEKO-TEX® portfolio.

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