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SMART CHEMISTRY
WITH CHARACTER.

DIRECT FOG APPLICATION

SMART AIR®
BASED ON
DFA-TECHNOLOGY

SMART AIR®

DFA TECHNOLOGY FOR THE
ENTIRE WASHING PROCESS

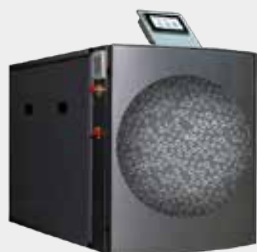
SMART AIR®

The washing process of the future

For the innovative Smart Air® washing process, a perfect combination of the smallest amount of water, washing chemicals and air is put together; then, the enzyme detergent is applied to the soiled laundry as a spray mist.

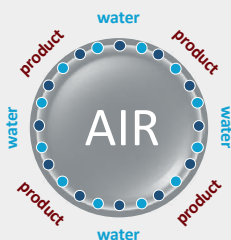
Microbubble technology

With this technology, the washing chemicals and water are distributed naturally and form microbubbles.



Optimal composition

The microbubble surface forms a perfectly homogeneous combination of water, washing chemicals and air.



Washing machine process

In the washing machine, the controlled flow of microbubbles is micronized and nebulized.



Accuracy and reproducibility

Through the nanobubble surface the chemicals are transported onto the laundry, and the washing process begins without free liquor.



The new prewash without water

The micronized bubbles create a purely bound washing liquor that is contained in the laundry (textile). This produces excellent washing results and increases the mechanical effect. No free washing liquor is created.

Benefits of Smart Air®

- ▶ Sustainable, as less water and energy are consumed
- ▶ Energy-saving, as there is no free liquor
- ▶ Cost-saving, as there is no overdosing
- ▶ Even, fine distribution of the washing chemicals
- ▶ No chemicals in the wastewater during the washing process

Smart Air® finishing applications for laundries and driers

- ▶ Fabric softeners
- ▶ Fluorocarbons
- ▶ Water and oil repellents

More at:

