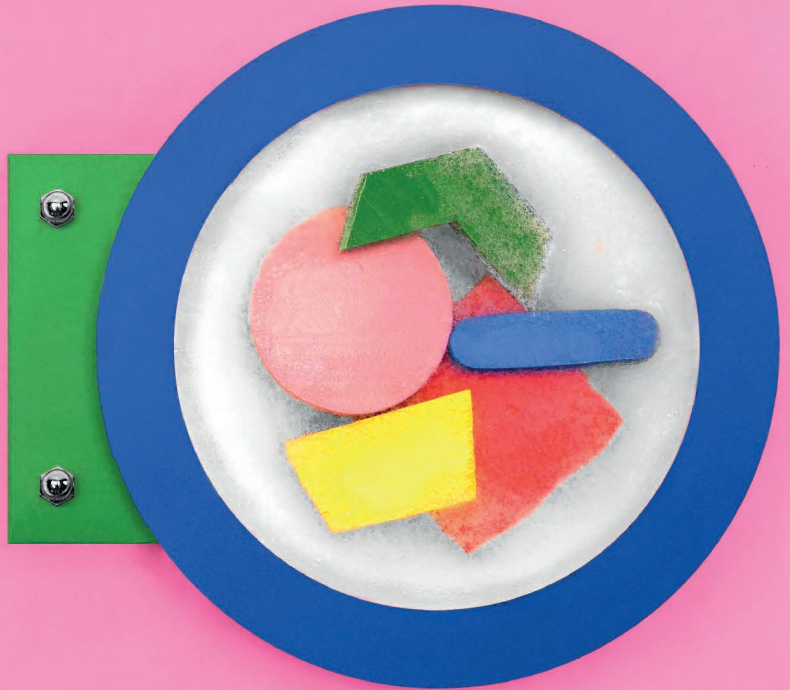


smart foam

water saving made easy

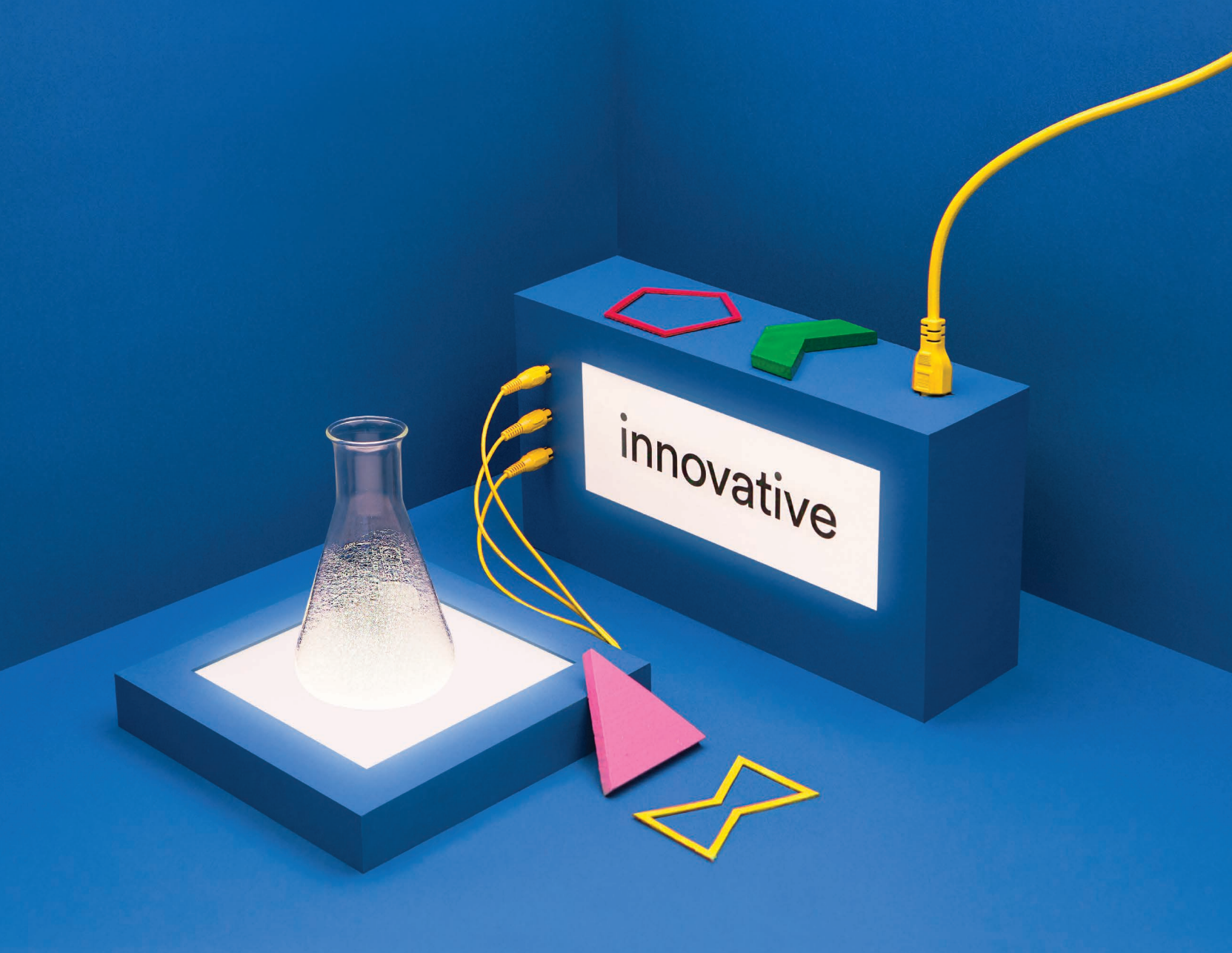


Wouldn't it be nice
if saving water was easy as...
blowing bubbles?

smart foam revolutionizes
garment finishing.

Through an innovative patent-pending
technology, *smart foam* minimizes
natural resource consumption,
making sustainable garment
production easy and accessible.





innovative

smart foam is
a patent-pending
technology,
a result of a
collaboration from
three leading
companies across
the garment
finishing market

To treat garments in any kind of washing machine, *smart foam* introduces foam as a new carrier of chemicals.

It can be used to create everything, from traditional finishes to unique fashion concepts and styles.

sustainable



smart foam
greatly reduces
the consumption
of water
and energy

Compared to traditional washing processes, the application of chemicals through *smart foam* allows savings of up to 80% of water. All the treatments are performed at room temperature, therefore reducing the minimum energy required.

smart foam has been designed to make the technological investment accessible to any industrial laundry. This helps suppliers of any segment achieve their sustainability goals, to better serve the fast-moving fashion industry.

When combined with Garmon certified chemicals, *smart foam* can be used to perform treatments fully compliant with *greenofchange*® requirements.



easy

smart foam has been designed to be the **easiest and most affordable** system to save water in garment finishing, providing solutions for any industrial laundry

Compared to nebulization systems, *smart foam* loads chemicals in the washing machine **up to 3 times faster**, and doesn't require a sealed equipment, allowing technicians to interrupt finishing treatments and check garments with safety and ease.

Any type of washing machine - from the traditional to the advanced - can be utilized with the *smart foam* equipment and process.







smart foam is the result of:
















- Garmon's tested and selected range of chemicals
- Garmon's special foaming agents
- foam generating equipment recommended by Garmon

The combination of these factors is what creates the patent-pending *smart foam* technology.

Garmon is continually testing and widening the range of chemicals that work with *smart foam*. For the most updated list please contact us.

smart foam finishing products

product	description
 <i>geopower nps</i>	Liquid compound to perform single bath desizing and stone-wash treatments on denim garments at cold temperature, without the intervention of pumice stones
 <i>atb 710</i>	Innovative liquid neutral enzyme working at room temperature, developed to highlight contrasts and scraped areas
 <i>hidros rtl</i>	Innovative liquid cellulase for biopolishing of cotton and blends operating at room temperature and neutral pH. It can be used on denim with no backstaining and on dyed garments with no changing of shades
 <i>fortres gdp</i>	Outstanding dispersing agent to avoid backstaining during all washing steps of denim and non-denim
 <i>avol evanix</i>	Compound for the realization of washing effects with light shades and vintage looks on denim garments
 <i>avol oxy white</i>	Halogen and heavy metal free alternative to potassium permanganate, developed for applications on denim garments

	legaflex zero	Low curing temperature glyoxalic resin, lower damage with zero formaldehyde. Fully bleachable		elam sense	Softener for high quality finishes on super and hyper stretch fabrics
	demix be20	Plasticized polymer. Imparts full and plastic touch		fortres tap	Agent with buffering properties for pH correction
	demix nd50	Natural plasticized polymer with neutral cast to increase denim garments scrapeability		fst fkp/s	Compound based on reactive resins employed as blocking agent for fake patching effect
	legafinish fast	Patented polymer for durable 3D with zero formaldehyde, zero damage and low curing temperature		fst 34	Fixing agent with excellent improvement of washing fastness on <i>ovd dyes</i>
	legafinish lsp	Ready-to-use compound for shiny effects without press		linex surf	Polymer combination for surface dyeing effects. It's also used as cationizing agent with pigments and <i>ovd dyes</i>
	avol act	Catalyst to improve hypochlorite action. It allows treatment times and chlorine dosages to be reduced, thus preserving elasticity on stretch denim			
	booster ow	Specific additive for <i>avol oxy white</i> and <i>avol evanix</i> application, it allows to obtain a better whiteness and bluer hues			
	fst rw new	Outstanding fixing agent for indigo suitable for raw aesthetics. High combinability with other resins			
	elam 256	Silicone polymer in aqueous solution. For any kind of fiber, conferring a slippery, soft hand-feel			
	elam rp	High affinity micro-silicone elastomer; it confers very soft touch and elasticity			

foaming agents

product	description
easyfoam	Special foaming agent specifically designed to enable <i>smart foam</i> treatments with Garmon products
easyfoam pro	Very strong foaming agent used to perform advanced <i>smart foam</i> treatments with Garmon products

Garmon
Kemin Group



garmonchemicals.com