



## Press release

Hilger u. Kern GmbH  
Metering and mixing  
technology  
Käfertaler Straße 253  
68167 Mannheim  
Germany

Tel.: +49 (0)621 3705  
500  
Fax: +49 (0)621 3705  
200  
Email: [info@dopag.de](mailto:info@dopag.de)

[www.dopag.de](http://www.dopag.de)

### **Reliable metering technology for the production of household appliances**

**DOPAG offers solutions for all applications from a single source – bonding, sealing, greasing, potting and gasketing**

The production of modern household appliances for the global market requires stable, automated production processes. Metering and mixing technology is a key part of almost all production steps in the household appliance industry. The various components are bonded, sealed, greased or potted during the production process.

For all applications involved in the production of dishwashers, ceramic hobs, ovens, refrigerators or small appliances, DOPAG provides the specially developed technology required. Single and dual-component materials are processed, including polyurethane, epoxy, silicone and lubricants. 'All of our metering and mixing systems are adapted to our customers' specific requirements and are individually configured,' says Christian Ostermann, Director Sales for the DACH region at DOPAG. 'This is the only way to guarantee secure application and thus also the long durability of the end products.'

#### **All applications from a single source**

For the sealing of components, DOPAG offers dynamic mixing systems for the application of sealing foams as well as systems for the application of sealing adhesives. Silicone is primarily used here, as it can withstand the high ambient temperatures without any difficulty. Various systems fitted with piston or gear pumps



are available for the metering, mixing and application of adhesives and potting compounds.

Lubricants ensure low friction, smooth, quiet operation and long durability for components and knobs. For greasing and oiling, a modular range of metering components, valves and pumps enables individual systems to be set up, which can be integrated into automated production lines.

### **Individual, automated solutions**

In the configuration, DOPAG ensures automated component handling, integrated pre- and post-treatment, and application without any user involvement. 'This enables us to guarantee consistently high product quality and reproducibility as well as the efficiency of our customers' production processes,' says Ostermann.

For joining components, the household appliances industry uses partially and fully automated processes, in which the necessary pre- and post-treatment processes, such as plasma pre-treatment or the hardening of components, are integrated. There are different options for every application. For example, the material can be applied in a multifunctional cell, which can also be integrated in the line. Alternatively, DOPAG designs individual special systems that meet all requirements precisely.

### **New brochure published**

For an overview of our metering and mixing systems for the production of household appliances, see our new brochure at:

[www.dopag.de/downloads](http://www.dopag.de/downloads)



*Automated bonding process in the production of oven doors*



*Metering technology for all production steps: the components for refrigerators, dishwashers or ovens need to be bonded, potted or sealed.*

### **About DOPAG**

We are one of the world's most experienced manufacturers of high-quality metering technology. Wherever adhesives, resins, silicones or lubricants are metered and applied in industrial production, we offer reliable, precise solutions. We provide systems and components for highly automated production processes, including for the automotive, wind, household appliances and electrical industries, as well as for aviation and space travel.

DOPAG is part of the HILGER & KERN GROUP, a reliable supplier, and development and service partner to industrial companies in a variety of market segments for more than 90 years. The group employs around 350 people and has subsidiaries and distributors in more than 40 countries.