

PRESS RELEASE

vipro-PUMP: More features, better performance

New dispenser generation extends ViscoTec GmbH product range

With the vipro-PUMP series, ViscoTec is launching a totally new generation of dispensers. A new design, optimised dosing components and a modular construction provide numerous opportunities for adapting the dosing equipment even more effectively to the relevant application.

The core of the new generation is the innovative, modular design of the dispenser. On the one hand, the separable rotor assembly allows fast installation and removal of its components - this speeds up service and maintenance work, reduces machine downtimes and minimises spare part and operating costs. On the other hand, variable rotor and stator materials ensure optimum dispenser performance - for example, a ceramic rotor with matching stator is ideally suited for abrasive media, while an HVC rotor is used for standard applications (e.g. adhesives).

An enlarged pump inlet minimises pressure loss, improves the material flow and allows easy attachment and detachment of the hose supply. Two larger modular bleed openings ensure a user-friendly and clean bleeding process and ultimately help to guarantee dosing with no air bubbles. The new stator design has an anti-rotation device and a defined non-positive connection to allow easy and intuitive assembly.

Various drives can be attached to the dispenser using a locking ring and the newly designed coupling.

A further benefit: The material outlet can optionally be fitted with the specially developed M6 pressure and temperature sensor. The flowplus-SPT M6 measures pressures up to 40 bar and temperatures up to 50°C.

The vipro-PUMP will be available in five different sizes (dosing volume of approx. 0.14 to 5.2 ml/rev) from 01.01.2023.

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Image:



The vipro-PUMP from ViscoTec

ViscoTec – Perfectly dosed!

ViscoTec Pumpen- u. Dosiertechnik GmbH is a manufacturer of systems required for feeding, dosing, applying, filling and withdrawal of medium to high viscosity media. The technological market leader has its headquarters in Töging am Inn (Bavaria, close to Munich). ViscoTec also has subsidiaries in the USA, China, Singapore, India, France and Hong Kong, and employs around 300 people worldwide. Numerous dealers across the globe expand the company's international sales and distribution network. In addition to technologically advanced solutions for even the most complex of tasks, ViscoTec is a one stop shop for all components for every aspect of the application: from withdrawal to material treatment through to dosing. Successful interplay between all components is thus assured. All media, which in certain cases can have a viscosity of up to 7,000,000 mPas, are conveyed and dosed practically free of pulsation and with an extremely low shear force. Comprehensive support is available for every application. If necessary, extensive tests can be carried out in close collaboration with the customer. ViscoTec dosing pumps and dosing systems are optimally adapted for the specific application. For food applications, in the electric mobility sector, in aerospace, medical technology, pharmaceuticals, electronics manufacturing and many other fields.

Press contact:

Lisa Kiesenbauer, Marketing
ViscoTec Pumpen- u. Dosiertechnik GmbH
Amperstraße 13 | 84513 Töging a. Inn | Germany
Tel.: +49 (0)8631 9274-0
lisa.kiesenbauer@viscotec.de | www.viscotec.de