**Outdated Interfaces Are Being Eliminated**

**preeflow by ViscoTec starts 2019 with a new control system**

2018 is drawing to a close, but not the innovative strength of ViscoTec! In December, the new eco-CONTROL EC200 2.0 micro-dispensing controller will be introduced. It will be available on the market as early as March.

Thomas Diringer, Business Unit Manager Components & Devices, reveals the details behind the development of the new preeflow dispensing controller and explains the features which, in combination with the eco-PEN and eco-DUO dispensers, ensure maximum precision and reliability in the dispensing process.

Mr Diringer, in general, what are the tasks of a dispensing controller?

The dispensing control unit serves primarily to control and parameterise the associated dispensers. However, pressure monitoring of the dispensing process is also carried out via the control. In the event of a fault, the operator can intervene and act immediately. This guarantees a reliable process with precise dispensing results.

Why did you decide to develop a new control system?

The performance of the old controller eco-CONTROL EC200 was good, but the usability needed to be improved. The operation was partly in need of explanation and not so clear. With the new device, we want to go a further step towards industry 4.0. In addition, the design was outdated and no longer in keeping with the modern times. However, the decisive factor for the development of the new control system was for a completely different reason: due to the increasing automation and the associated integration of the control system into fully automated systems, the demands on the dispensing process are naturally also increasing. The old controller was simply no longer able to keep up and we initiated the development of a new generation of controllers.

Which features are offered to the customer with the new dosing control?

One new feature is that the controller can be used in combination with all preeflow dispensers and no longer needs to be differentiated: between the eco-PEN and eco-DUO dispensers, and also with the eco-SPRAY. A so-called Fast Boot offers a quick start-up of the control. The device can be used as a desktop, monitor or built-in version - depending on the customer's requirements. The large (7" TFT) display with capacitive touch and graphical user interface (GUI) contributes to intuitive user friendliness. The view of the user interface is configurable, e.g. the dispensing window on the display can be individually adapted to the needs of the customer.

The new dispensing control with its modern aluminium casing and the colour design according to the guidelines of our corporate design is not only an eye-catcher optically. The compact design also has its advantages: the power supply unit is now integrated into the control unit so that there is no additional component in the control cabinet. The shielding is also provided by the controller casing. With the product relaunch, an external program selection without additional devices is possible, since the eco-REMOTE is built into the new dispensing control.

The control unit also offers options for pressure and temperature monitoring, 100 program memory locations and enables fast, clear storage of programs. The outdated interfaces have also been eliminated and replaced by a USB port for easy handling. In addition, integration in large systems with PLC is possible.

USPs for the customer:

* Fast Boot
* Easy to use
* Plug’n’play
* One for all

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Picture:



Picture:preeflow eco-CONTROL EC200 2.0

**Micro-Dosing to perfection!**

preeflow® is a brand name powered by ViscoTec Pumpen- u. Dosiertechnik GmbH. ViscoTec primarily deals in systems required for conveying, dosing, applying, filling and emptying medium to high viscosity fluids. The headquarters of the technological market leader is in Töging (upper Bavaria, near Munich). In addition, ViscoTec has subsidiaries in the USA, in China, in Singapore and in India and employs about 200 people worldwide. Established in 2008, preeflow® ensures precise, purely volumetric dosing of liquids in the smallest of quantities. preeflow® products are appreciated worldwide, not to mention because of their unique quality - Made in Germany. An international distribution network offers professional service and support in all areas of preeflow® dosing systems. The various fields of application include, among others, automotive, electrical and electronics industry, medical technology, aerospace, renewable energies, electrical and hybrid technology and measurement and sensor technology. The complete preeflow® portfolio can be easily integrated due to standardized interfaces. Worldwide more than 20,000 preeflow® systems are working in semi- or fully-automated dosing applications - to the user’s and customer's complete satisfaction.

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