



Company background:

ViscoTec Asia is a sales office providing sales and technical support for dosing applications and solutions for Southeast Asia market region. Our products are suitable for Adhesives & Chemicals, Food & Pharmaceutical, and Components & Devices Industries and our endless-piston principle makes ViscoTec the perfect choice for your products!

Refer Youtube link : https://youtu.be/B71Rs_DuqS0?si=mMPGaA5cLUyKKLjn

Business Unit : COMPONENTS & DEVICES

Preflow ® ecoPEN XS



The eco-PEN XS dosing pump from preflow enables high-precision dosing of a wide variety of materials with different viscosities in the nano and microliter range. Our eco-PEN XS is a purely volumetric dispensing device that applies the smallest amounts ~ 0.012 ML/rev of single-component or 1-component fluids – for high-precision dosing technology. Thanks to the ViscoTec endless piston principle, low viscous to pasty liquids are conveyed perfectly. Independent of viscosity fluctuations, a clean, process-reliable dosage is achieved.

The preflow eco-PEN XS is a rotating and perfectly pressure-tight displacement system. The dispenser comprises of a self-sealing rotor and stator. Conveyance action by material displacement in the stator through controlled rotor rotation. Safe conveyance without any modification of the dosing material. With its suck back option, preflow ensures clean and controlled material or medium cut-off while preventing post-dripping effects.

Refer Youtube link : https://youtu.be/Bi9b_s33Zlc?si=UJQJ-OEBtNXeKwO2

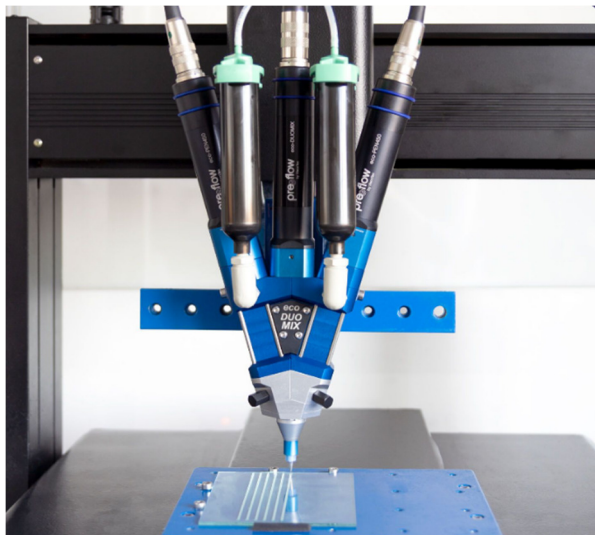
Preflow ® ecoDUO



2 component dispensers from preflow® is perfectly suitable for applications in medical technology, advantages such as provides extremely precise metering, mixing and dispensing of critical two-part materials like epoxies and silicones to increased productivity, lower material consumption and reduced waste. The preflow eco-DUO 330, preflow eco-DUO 450 and eco-DUO 600 are two-component precision volumetric, positive displacement, dosing/mixing/dispensing systems that give you accuracy and repeatability using a progressive cavity pump principle.

Refer Youtube link : https://youtu.be/IIKNT_5WN9U?si=UGaQuxx-ZYkw9OoF

Preflow ® ecoDUOMIX



eco-DUOMIX Dispensing System for all Difficult to Mix 2-component Materials Utilized components, built-in technology, cycle time requirements and surrounding parameters on a production line - these are four attributes that almost always influence the quality level of adhesive connections in an industrial environment. To date, manufacturers from the automotive sector, electronics industry, and medical technology have been using individual mixing and dispensing systems. The dispensing systems provided are always best matched to the specific adhesive and the specified machine design, with the best results and maximum performance in

mind. Is a dispensing solution that can mix and dispense silicones (Si), epoxy resins (EP), polyurethane (PU), polyester resin (UP) or acrylate.

Refer Youtube link : <https://youtu.be/i-ajN78n8nU?si=OaL5EZ12mm0oCgsu>

preeflow® eco-SPRAY



The preeflow eco-SPRAY enables volumetric precision dispensing based on the endless piston principle. The basis is a rotating, fully pressure-tight displacement system. It consists of a rotor and stator. The defined rotary movement of the rotor displaces the material volumetrically in the stator. This creates the flow. Controlled via the processor, a defined quantity is fed into the special low-flow spray chamber.

The precise spraying and nebulizing take place continuously or intermittently. The combination of endless piston and low-flow spray chamber guarantees perfect spraying: From low to high viscosity materials with high edge definition and minimum overspray.

Refer Youtube link : https://youtu.be/kfsjwMWKSfI?si=i_3BJLG3XJWy8PRL

eco-CONTROL EC200 2.0



The eco-CONTROL EC200 2.0 Micro-Dispensing Controller is used for controlling and parameterising the associated dispensers. The unit can be used as desktop, monitor or built-in version and features a 7 in. TFT display with capacitive touch and graphical user interface. The controller is offered in an aluminum casing with USB port of easy handling. It comes with built-in eco-REMOTE and can be used in combination with all preflow dispensers.

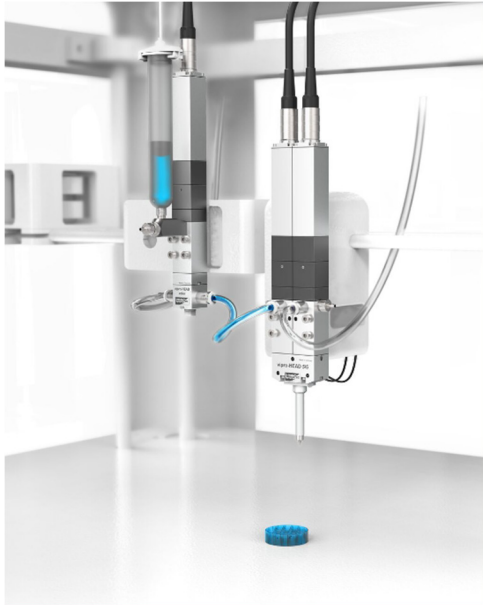
Refer Youtube link : https://youtu.be/FVXqKBOJpcU?si=BQtk-RAU_YJOv2u4

Business Unit : 3D printing

vipro-HEAD 3 and vipro-HEAD 5



vipro-HEAD 3/3 and vipro-HEAD 5/5



ViscoTec 3D print heads are suitable for high-precision printing of one- and two-component materials. The design of the print heads allows the processing of pastes with a viscosity of up to 1,000,000 mPas. In the appropriate configuration, materials highly filled with abrasive fillers can also be processed reliably. The print heads can be connected to almost any 3D printer without any effort. They are controlled “plug and play” via the signals of the 3D printer. Our print heads thus expand the application range of your 3D printer with minimal effort in the field of fluid printing. You can use them to print silicones, UV adhesives, ceramic pastes, polyurethanes, epoxy resins and metal pastes.

Refer Youtube link : <https://youtu.be/jrY5PKlul4Q?si=j2c5UgGJbWQJILbo> / <https://youtu.be/Zr9DeYZcM?si=sTrpWYaJ2uo2v6qx>

Business Unit : SYSTEMS & ENGINEERING

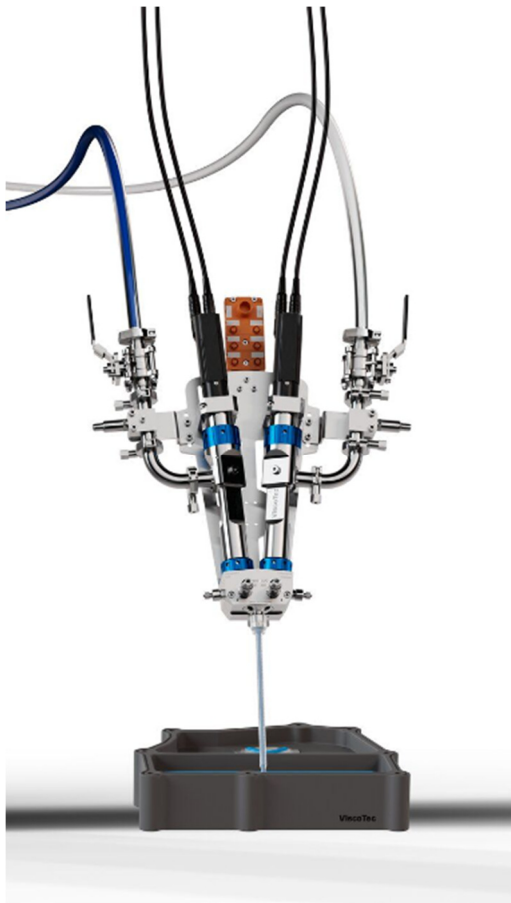
vipro-PUMP



The vipro-PUMP series are optimised dosing components and a modular construction provide numerous opportunities for adapting the dosing equipment even more effectively to the relevant application. For process reliability with precise dispensing results. The control unit can be easily integrated into fully automatic systems and meets all requirements of a modern dispensing process. The vipro-PUMP will be available in five different sizes (dosing volume of approx. 0.14 to 5.2 ml/rev)

Refer Youtube link : https://youtu.be/RawpnADU_WY?si=6-sEqiMIYPhPKaEO

vipro-DUO



The vipro-DUO can be easily **calibrated** with high accuracy at the **process pressure level** via a corresponding valve. Customers familiar with the modular design of the vipro-PUMP can now also benefit from this feature with the vipro-DUO. Like many other products from ViscoTec, the vipro-DUO is based on the tried-and-tested progressive cavity technology. With regard to media, the vipro-DUO is just as versatile as other ViscoTec technologies: A wide range of media — ranging from low to high viscosity — can be dosed, for which precise results and high product lifetimes can be achieved, even with high filler content. Even when it comes to processing 2-component media of various viscosities and

simultaneously significantly varying mixing ratios, the vipro-DUO delivers extremely high performance.

Refer Youtube link : <https://youtu.be/eI-YMCwMCfE?si=TIp5yrxZcV3V07KX>