

Monthly News 09/11

Follow us:



Company

Products

Marketing

Application Reports

Trainee

Today, 1st of September, in Germany starts the new trainee year. So also at ViscoTec. We welcome our new female trainee for mechatronics:

Lisa Maier, 22 years old, will be trained for about 2 years at our assembling and technic department. After this trainee time she will support our ViscoTec team as an employee.

Company

Products

Marketing

Application Reports

Operating unit

We made a small facelift for our operating unit. With this unit you can directly control our ViscoPro drive units. You have the possibilities of switching between 3 modes:

- 0/Manual: At touching the button the dosing process start and lasts until the process is manually stopped at touching the stop button.
- Time: the pump runs the programmed time (set at the clock on the right side)
- Quantity: dosing the quantity which is programmed in the excel sheet

With the touch potentiometer on the left side you can adjust the rotation speed in percent.



PV-Flyer

We are pleased to inform you that we finished our new Photovoltaic Flyer.

Within 6 pages we show potential customers their benefits by utilize ViscoTec products. For this we separate the production process in the three stages:

- wafer processing
- cell manufacture
- module assembling

...and present our process improvements

for certain production steps.

Please find the Flyer attached in the E-Mail.



Product Datasheets

We almost finished our new product datasheets. Currently we are preparing CDs with all updated product information, flyers and company profile in print quality and we will send them within next week to you.

If you need single product datasheets, we will have finished them at Monday next week. So please contact us and we will send them to you per E-Mail.

Note:

Fabian Schirmer will be on EU PVSEC Exhibition from 04/09/11 to 06/09/2011

Stefan Kerl will be on EU PVSEC Exhibition from 06/09/11 to 08/09/2011

Stefan Kerl will be on holiday in CW37/38.

Handling solder paste

Solder pastes are tricky to handle but due to our long experience we have the treating and dosing process under control. There are some things to be aware of:

1. Solder paste should be degassed before dosing. For this step it is important to degas the material **not continuous** but **batch wise**. Otherwise the solvent will be evaporate and influence the quality of the solder paste seriously. Of course this feature of batch degassing is supported by our ViscoTreat-Inline!
2. For conveying the solder paste you have to avoid high pressures. In general: the lower the pressure the better for the solder paste. If you exceed approx. 5bar (respective exact pressure depends on the solder paste) the binders can be evaporate and the solder pastes will tend to cause agglomerations. These agglomerations of fillers will block the hose and influence the dosing quality.
3. It is recommendable to avoid long downtimes of the system. During longer downtimes the solder paste can dry out and cause problems. If longer downtimes are necessary the system should be "flushed" with new material before starting the production process. Other solution might be to install a recirculation possibility so that the material can be further conveyed during downtimes.
4. All installed hoses should be diffusion resistant.