



News Release

FOR IMMEDIATE RELEASE

Huddersfield based **H G Kippax & Sons Ltd (KIPPAX Printtech)** have announced a new version of the **INPRO TigerClean** Developer system that is designed to directly compliment **EXILE Technologies' SPYDER II** and **V-LUX** Computer to Screen and Exposure System combination.

The new system comprises a 'docking unit' that converts EXILE's V-LUX Upright UV Exposure cabinet into a fully in-line Exposure and Washout (developing) system.

The modification to the V-LUX cabinet means that after UV Exposure in the V-LUX unit, the Screen frame is pushed on to a moving belt that then transports the screen into the TigerClean Developer unit.

The TigerClean Developer is a fully automatic Screen washout (developing) solution for all types of artwork including very fine linework and subtle highlight halftone dots.

In a typical, fully automated workflow, the process would work as follows...

- Screen room operator images a Screen stencil on the SPYDER II CtS: Typical Imaging time is 1 minute or less.
- The Screen is then released from the SPYDER and inserted into the V-LUX cabinet for Exposure. 15 memory pre-sets allow the correct exposure time to be selected in seconds.
- Typical exposure times on the V-LUX will be 10-30 secs depending on emulsion type. While waiting for the first Screen to expose the operator can be setting up a 2nd job on the SPYDER II.
- Then the second Screen is inserted in the V-LUX and the first Screen is automatically pushed out the back of the V-LUX unit and on to the moving belt that transports it into the TigerClean Developer.
- The dual pressure rinse jets in the TigerClean Developer station produce fast and dependable washout results. In initial testing Screen washout times of approx 60 secs are being achieved.
- While waiting for the first screen to finish washout a 3rd Screen can be being imaged on the SPYDER II etc etc...

By adding a TigerClean Developer to a SPYDER II/V-LUX Computer to Screen setup the last labour intensive element of Stencil Screen-making is removed. The process becomes almost fully automated. In combination with a SPYDER II & V-LUX CtS system production volume of up to 50 screens per hour should be achievable.... with a single Screen room operator running the SPYDER II and V-LUX/TigerClean inline system.

The TigerClean Screen Developer uses dual pressure rinse jets for the highest degree of reproducibility and dependable results. The closed process chamber eliminates water vapour in the screen room and special rubber flaps on the exit door removes excess water to speed up the screen drying process without damaging the hardened emulsion.

KIPPAX are showing the new V-LUX/TigerClean inline screen exposure & developing system at this years **Printwear & Promotion 'Live'** exhibition at the NEC Birmingham on stand **No. K54**.