

RIGENERA 2.0

CLEANING & TESTING SYSTEM



*WE TAKE CARE OF
YOUR PRINT HEADS*

When the inkjet print
heads of digital
decoration machines get
clogged, there is now a
single solution: **Rigenera**

**ABBIAMO CURA DELLE
VOSTRE TESTINE**

*Quando le testine di stampa
a getto d'inchiostro delle
macchine di decorazione
digitale si ostruiscono
oggi c'è un'unica soluzione
Rigenera.*

2.

Print head cleaning.

The Rigenera system by Smartjet is an innovative process that makes it possible to clean print heads using high-efficiency solvents and to individually activate the print nozzles during the cleaning process, also in combination with ultrasound.

Cleaning is safe and takes place in a sealed chamber, which allows the use of solvents that could not be used with open chamber systems. This drastically reduces solvent consumption.

3.

The print test.

The Rigenera system automatically loads the test ink inside the print head and prints the test pattern directly on a roll of photographic paper. The operator just has to observe the printed pattern to see if the nozzles are printing correctly or not.

4.

Clean print heads.

Once cleaned, the print heads are ready to be used again.

1.

Clogged print heads.

When the inkjet print heads of digital decoration machines are clogged, there is now a single solution: Rigenera by Smartjet.

Cleaning with solvents, excitation of the print nozzles, and ultrasound, all at the same time, to achieve optimal results!

"Regenerable solvent"
The solvent can be re-used multiple times, and when it is used up it can be distilled using the optional distiller or by sending it to the service centre for regeneration.

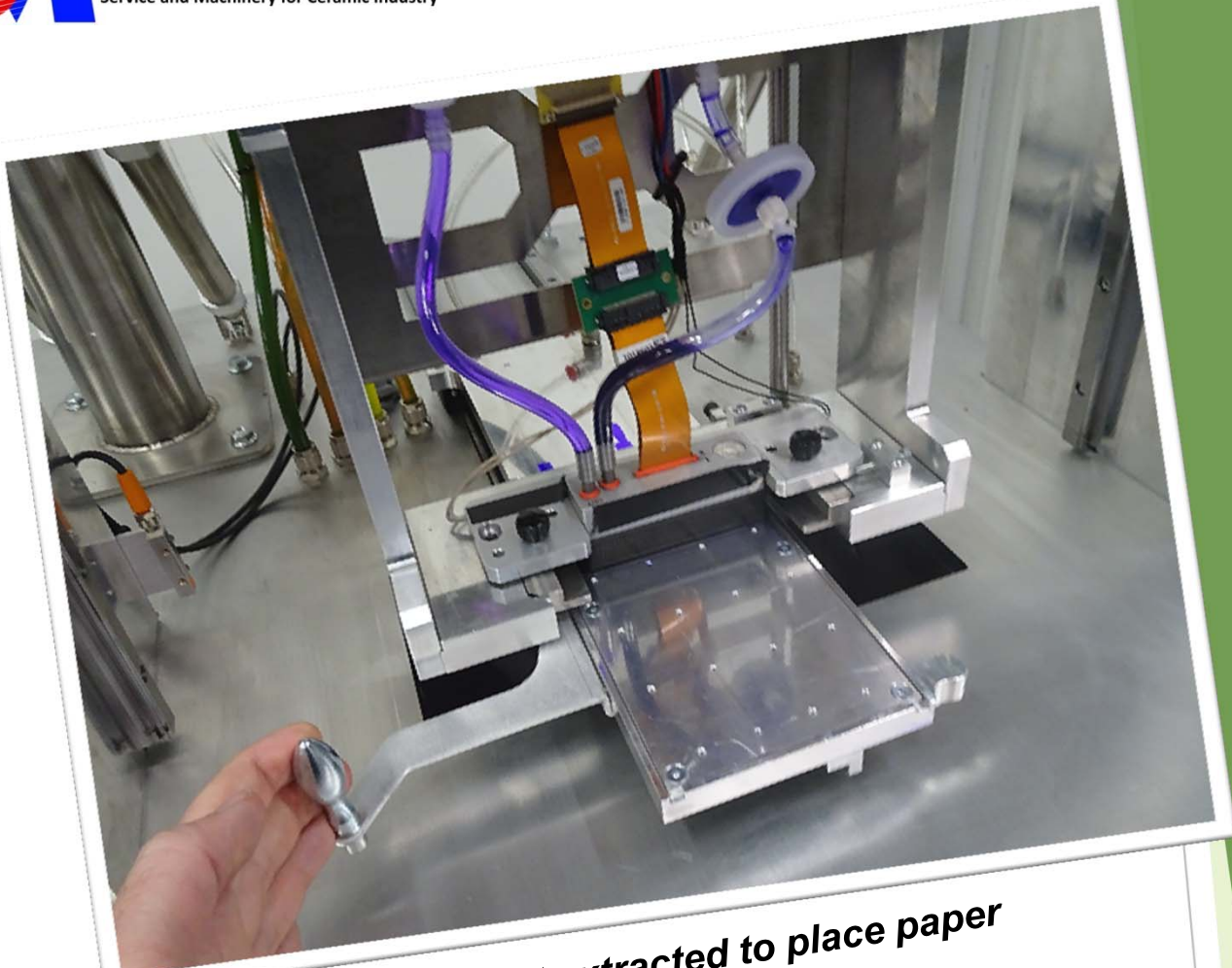
Both modules during the washing phase



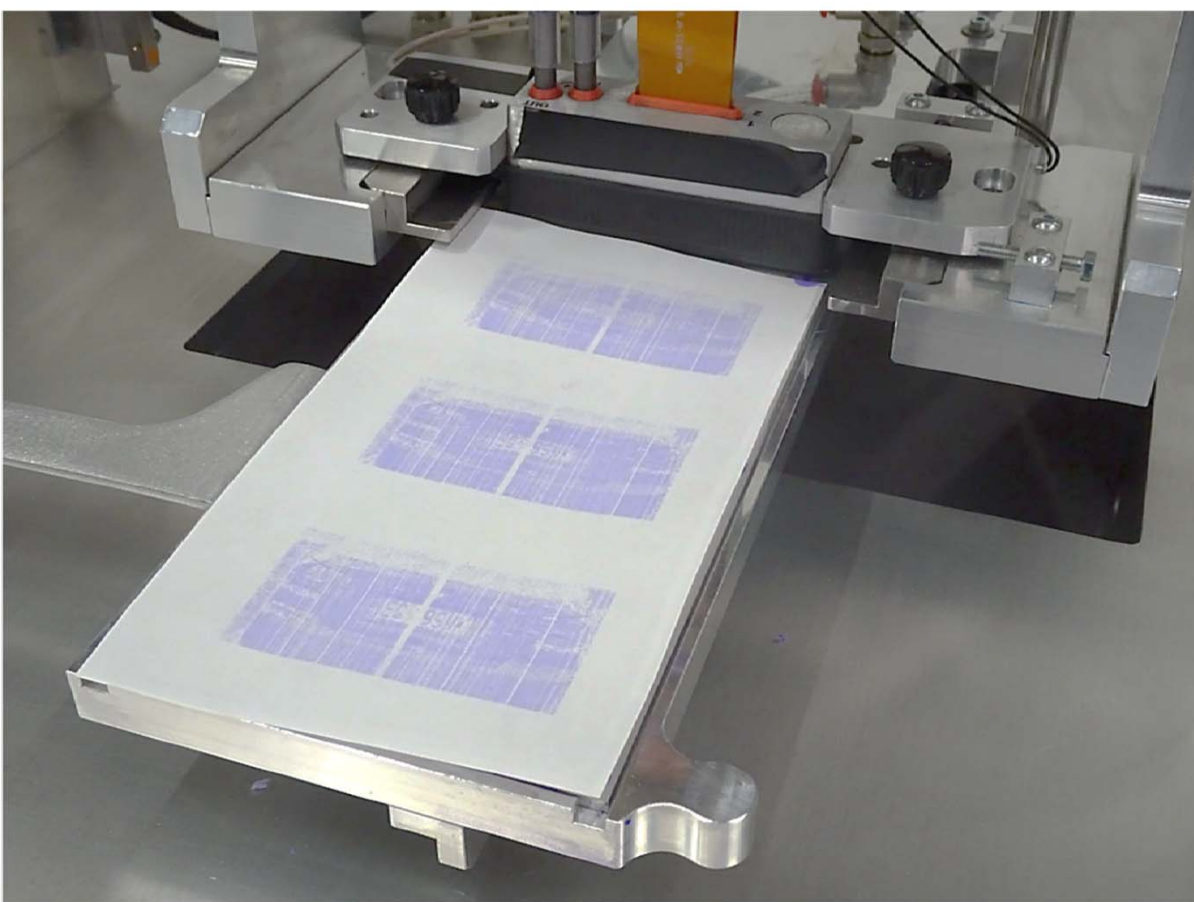
XAAR 1001-1002-1003 printhead



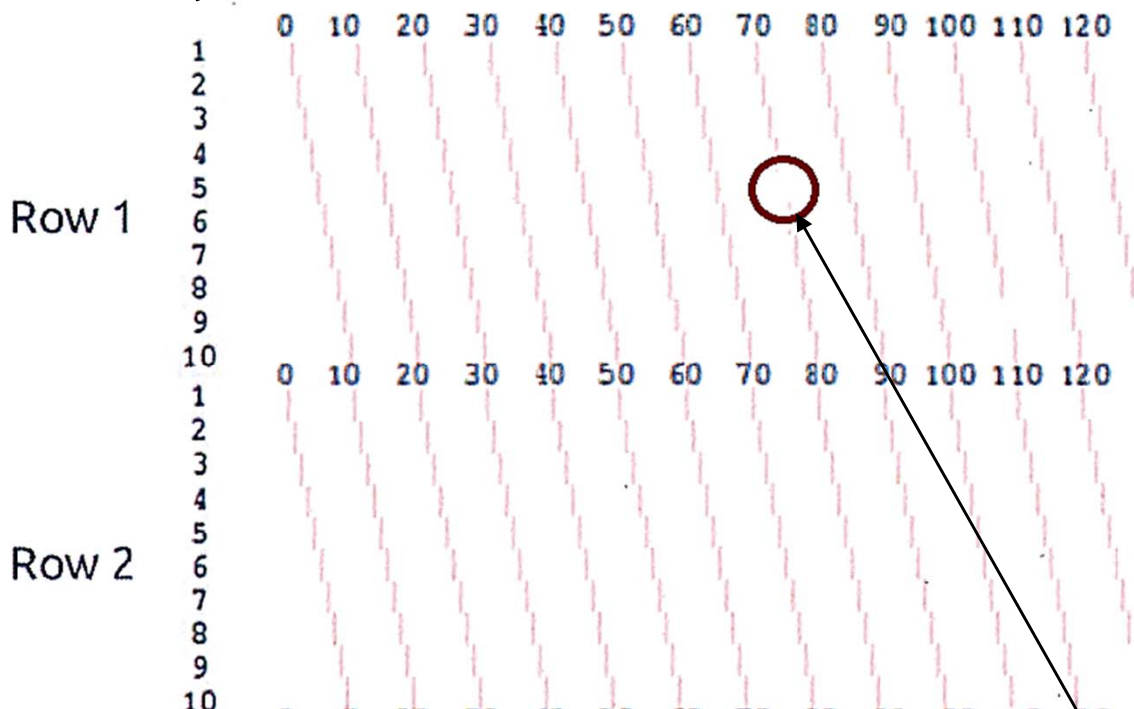
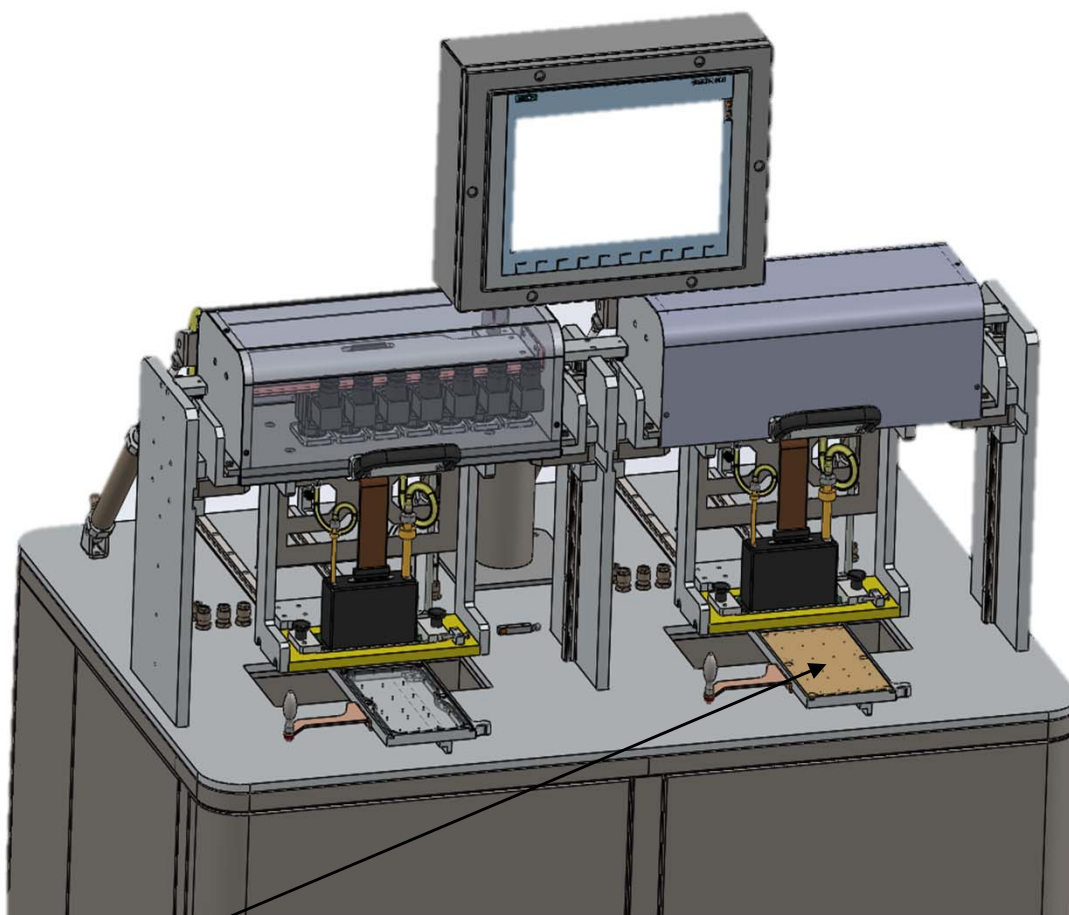
DIMATIX 1024 printhead



Cart test print extracted to place paper



Paper test print



Example of the test print pattern with individual nozzles. You can clearly identify which nozzle does not work. In the box, the nozzle 75 does not work. In this case you try to wash the head again and try the test print. All this without moving or clearing your head. The system washes again and charge the ink all automatically.

