

Greyscale printhead **1024GS series**

Printek, department of **Seiko Instrument** is developing and producing DOD piezoelectric printheads, able to print digitally on almost all surfaces. 1024GS series in water based ink version, have been specially adapted to textiles applications.

- High productivity (**700nL /sec / nozzle**).
- Grayscale & variable binary mode.
- Two types of drop size are offered:
 - **7pL** to 49 pL for light colors and precise patterns.
 - **12pL** to 84 pL appropriate for dark color or higher productivity.
- Native nozzle resolution: **360** [npi] .
- Isolated channel technology: The isolated channel technology achieves higher jetting frequency because all nozzles can jet at the same time.
- Jetting frequency: Up to **36 kHz** for **7pL** drop and up to **28 kHz** for **12pL** version.
- Internal EEPROM memory: On demand customization of memory data.
- Ink type: 1024GS is available for water based ink, but also for UV ink. Solvant ink version is under development.



NOTE: Frequency and drop volume depend on ink and ink supply system. Specification can be modified without prior notice.