

Technologies Explained

FINE Cartridges and Single Inks

Canon's patented FINE (Full-photolithography Inkjet Nozzle Engineering) semi-conductor manufacturing technique lies at the heart of its printer technology, creating print heads with exceptionally high nozzle count & high density and producing tiny ink droplets as small as 1pl or 2pl (picolitre). This enables Canon PIXMA Inkjet printers to achieve fast print speeds and virtually grain-free, photolab quality photo prints even in default Standard mode.

Depending on the model, PIXMA printers use either FINE Cartridge technology or Canon's Single Ink System. For those seeking maximum convenience, FINE Cartridges combine inks and print head in a single handy unit, replaceable in seconds. The FINE Cartridge system also offers exceptionally fast printing speeds. The Single Ink system separates component colours into a maximum of 10 individual ink tanks; this allows users to individually replace colours as they run out, minimising waste.

Canon Media Range

Canon offers a range of genuine photo papers, each offering exceptional quality at an accessible price point. Alongside extensive Glossy, Semi-gloss and Matte options, users can choose from special High Resolution Paper, Photo Stickers and Fine Art media – in a variety of sizes between 10x15cm and A3+.

ChromaLife100

With Canon's ChromaLife100 system, you can produce photos that stay vibrant, colourful and fresh-looking for up to 100 years. ChromaLife100 system achieves beautiful, long-lasting prints through a combination of Canon's FINE technology, genuine Canon photo papers and dye-based inks. When stored in an album, over 100-year life is achieved with PT-101, PR-201, PP-201, SG-201 and GP-501. For further information please see: <http://www.canon-europe.com/chromalife100>

Kyuanos

Canon's Kyuanos CMS (colour management system) technology realises enhanced compatibility between input and output devices in the area of colour management, enabling automatic, highly accurate colour matching. For more information please see

http://www.canon.com/technology/canon_tech/explanation/color_management.html