

Xaar End Shooter (ES) Ink Supply System



XAAR TECHNOLOGY

Xaar is a world leader in the development and manufacture of piezoelectric drop-on-demand inkjet technologies. Its patented shear mode, shared wall technology incorporates low power modulation and unique acoustic waveforms to deliver exceptionally low levels of internal mechanical stress, resulting in an unsurpassed consistency of quality, reliability and printhead life.

APPLICATIONS

Xaar's ES Ink Supply System is designed to be integrated into a vast range of static and scanning head applications. It is compatible with oil-based, solvent, UV-curable and aqueous inks and supports Xaar's complete range of end shooter printhead products.

WORKING WITH PARTNERS

Xaar partners with a group of market-leading technology companies to develop a range of specialist high quality inkjet solutions including printheads, inks and peripheral equipment.

STREAMLINING INK FLOW

Xaar's ES Ink Supply System streamlines and simplifies the process of developing inkjet printing solutions and is perfect for OEMs and integrators looking for a reliable, robust ink supply unit.

The compact system addresses the complex challenges faced by machine developers and offers real R&D and resource cost savings, as well as significant reductions in time-to-market.

Available as an individual off-the-shelf product, or sold in conjunction with Xaar's Drive Electronics units, this competitively priced ES Ink Supply System has been designed to work with Xaar's range of end shooter printheads, enabling maximum versatility and ease of integration.



XAAR[®]

RAPID TIME TO MARKET

This competitively priced, ES Ink Supply System overcomes many of the issues encountered when designing printhead ink supply systems. For example, the unit uses a proven technology to maintain printhead pressure at changing flow rates and across a range of temperatures.

Overall it helps equipment manufacturers to bring machines to market more quickly, while reducing the resources, investment and time involved in developing bespoke systems.

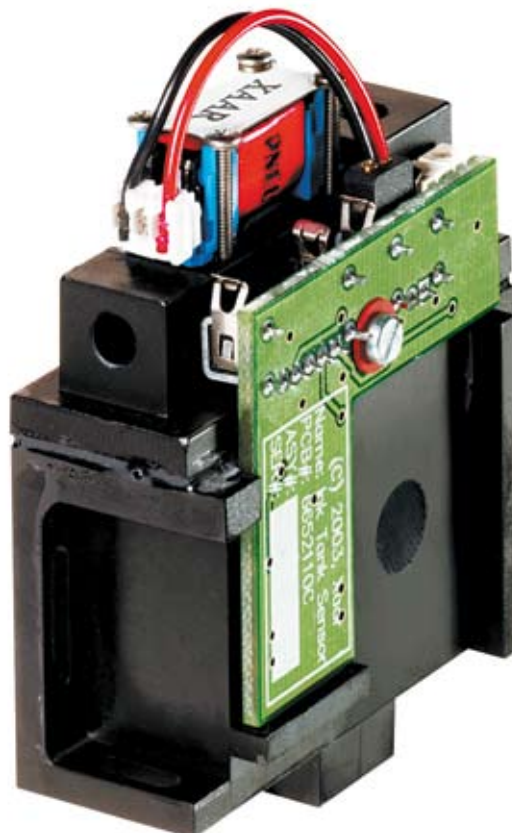
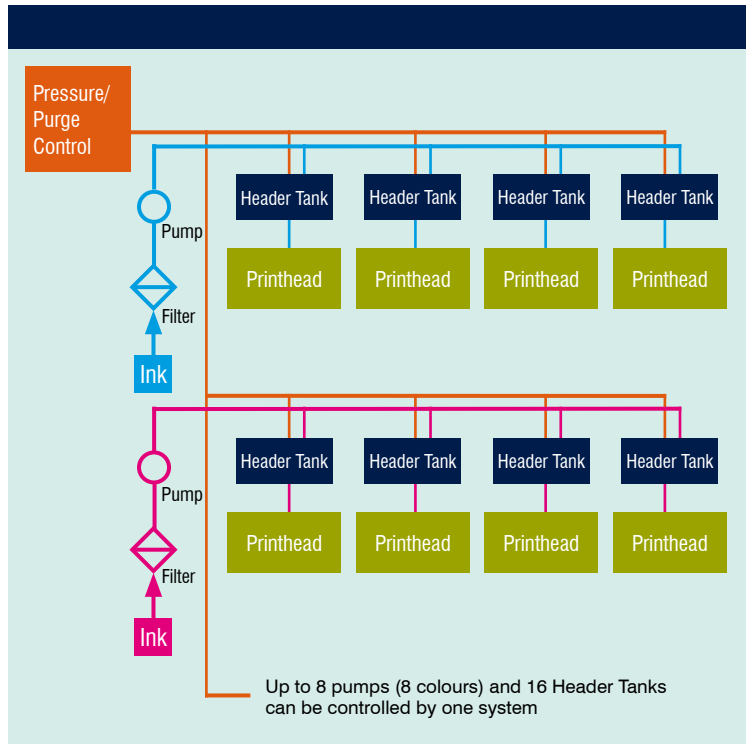
INTEGRATION FRIENDLY

Xaar's ES Ink Supply System provides the link between the main ink reservoir and the printheads, with each unit capable of controlling up to 8 colours and 16 printheads. The system accurately controls ink pressure maintaining it at the correct level to enable consistent, issue-free jetting. In addition it can be used as an aid to maintenance, by providing controlled pressure purges to the printheads. LED indicators on the header tank highlight the status of the internal level sensors enabling user-friendly monitoring.

To aid stacking, the header tank has been designed with compact dimensions and fittings on its narrow faces. The integral mounting slots on horizontal and vertical faces enable the user to choose the optimum configuration for the system, providing the ideal user-friendly integration solution.

ADAPTABLE

The system's header tank accommodates an extensive range of ink types, and can be heated effectively and efficiently through the rear face, which is flat to offer optimum contact. The product's unique electronic design facilitates the system's easy integration into existing equipment, making it an invaluable and extremely viable solution for those looking to create their own bespoke inkjet machines.



XAAR PLC
SCIENCE PARK
CAMBRIDGE
CB4 0XR
UNITED KINGDOM
TEL: +44 (0)1223 423663
FAX: +44 (0)1223 423590
WWW.XAAR.COM

