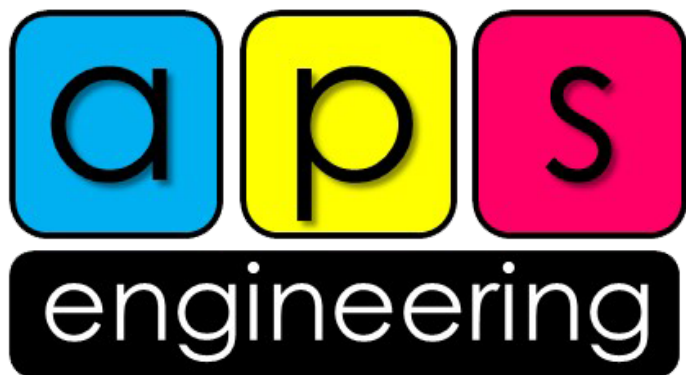




INKJET ENGINEERING FROM CONCEPT TO PRODUCTION

FLUID DELIVERY SYSTEMS

Cost-effective ink delivery for 1–4 fluids, with standard and custom systems for all stages of production.

PRINTBAR DESIGN & INTEGRATION

Custom printbar design and fluid-management engineering, with close collaboration to integrate into your printing system.

CONSULTING & CUSTOM DESIGN

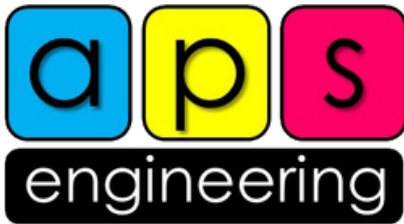
Consulting, custom hardware design, and fabrication. With 30 years of experience, APS takes your inkjet project from initial concept through high-volume production.

PRINTING / ADDITIVE MANUFACTURING / MICRODISPENSING

CONTACT US

760-533-2393. • inquiries@aps-engineering.com. • www.aps-engineering.com
350 N Andreasen Dr, Escondido, CA 92029





INK DELIVERY SYSTEMS

Explore our products, the QUAD and the UNO, designed to be built according to the specific needs of your printing project.

THE QUAD: Multi-Fluid Production



Built for multichannel printhead applications requiring **up to four different fluids**

THE UNO: Single-Fluid Production



Built for economical **single-color** printing and drop-watcher development.

COMMON SPECS & FEATURES QUAD & UNO

- Flowrate Options: 100, 250, or 700 cc/min flowrate per fluid (Up to 12 printheads depending on flowrate option)
- Continuous fluid recirculation
- PID meniscus control - no vacuum tanks.
- Easy to flush with minimum waste
- Optional inline heating and degassing of fluid
- Material set compatible with most aggressive ink sets (UV, Oil, Solvent, Aqueous, etc.)
- USB and Ethernet interfaces, OPC UA-capable
- Browser or custom app control via JSON strings
- 100-240V AC 50/60Hz
- UL/CE certified components

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