



LIQUID INJECTION SYSTEM (LIS)

Automated Feeding in Shake Flasks



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Key Facts

✓ **Wireless control and monitoring**

Control and monitor your feeding experiments wirelessly with the DOTS Software

✓ **Compatible with various substances**

Sugars (e.g., 40% glucose), alcohols (e.g., 50% methanol), glycerol (e.g., 50%), acids, bases, inductors (e.g., IPTG), antifoam, and more

✓ **Create any feeding profile you want**

Single shot, multi shot, constant, exponential

✓ **Easy to install and use**

Fill the sterile cartridge, program the LIS Drive and start feeding your culture

✓ **For a broad range of applications**

Fed-batch, gene induction, pH regulation, inoculation, toxicity assays, and more

✓ **Flexible feeding rates**

Feeding volumes from 100 µl droplets to 1 mL/min

✓ **Innovative applications**

Biomass-based feeding in shake flasks