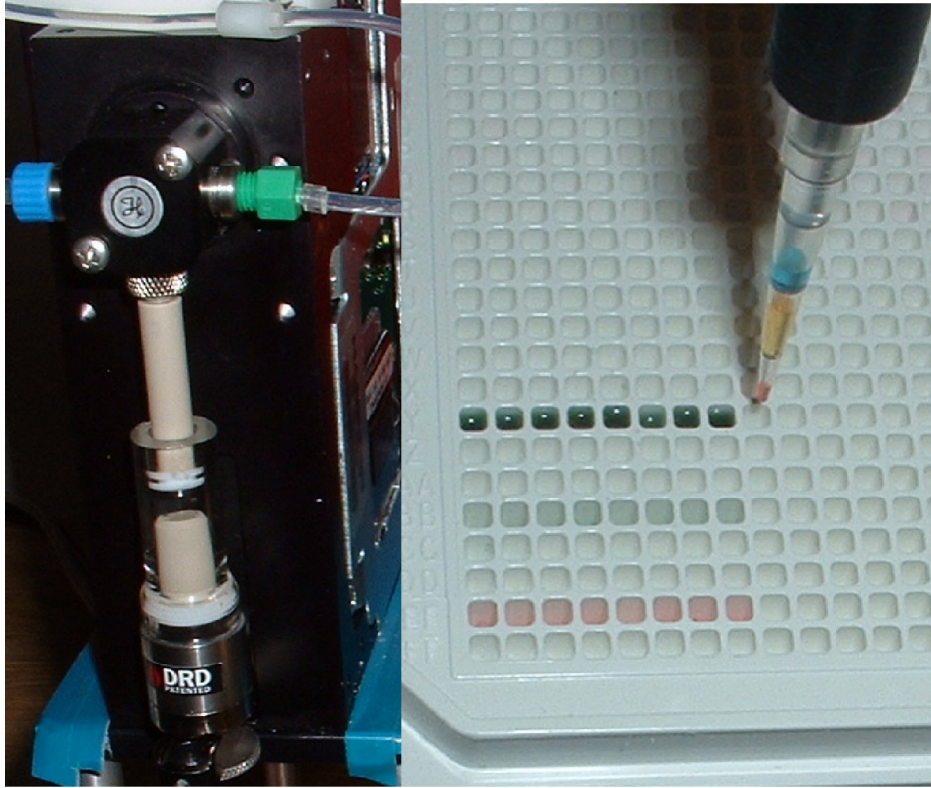


New Products

Dual-Resolution Syringe



The 20/300 Differential Displacement™ /dual resolution syringe in the Hamilton PSD/4 pump from **DRD Diluter Corp.** using 300- μ m i.d. disposable Little Squirt tips in a precision robot. The syringe offers high-precision, contact-free delivery for three applications in the 1536-well plate. The high-resolution capability comes from the patented Differential Displacement mechanism, which uses only husky pistons and seals to provide extremely fine resolution from the cross sectional area difference between the rugged 0.287-in. glass-bore i.d. and the stout 0.281-in. o.d. of the reciprocating piston below. When one piston moves alone it gives high flow and velocity. The fluidic system is therefore very robust and low maintenance despite its high resolution, making practical many traditionally difficult 1536 plate procedures.

Web access ABL20.com?8155