



BIOJET ULTRA™

PIEZOELECTRIC NON-CONTACT PRINTING

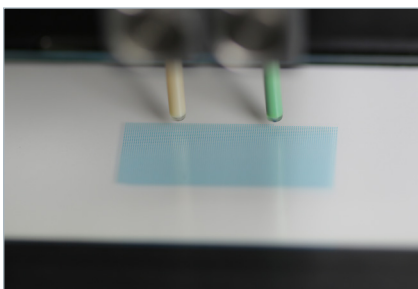
LIQUID HANDLING AND SPOTTING SYSTEM

BioJet Ultra™

True non-contact picoliter dispensing with drop-on-demand capability

BioDot's patented Ultra dispensing technology can produce a single dynamic drop volume range of 100pL to 1.0nL with CV's less than 10%. It is compatible with a wide range of reagent types (e.g. aqueous, organic, cells, etc...) and can be optimized to work with high viscosity substances (e.g. 50-70% glycerol / water mixture). Unlike other traditional piezo-electric dispensers, the BioJet Ultra's piezoelectric actuator can be decoupled from the capillary. This enables the usage of low-cost drop-in replacement capillaries.

SPECIFICATIONS



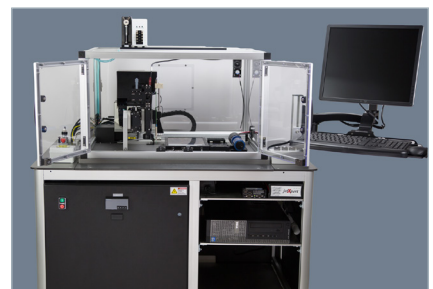
Change Volume Ranges On The Fly

Single drop dynamic range of 100pL to 1.0nL with CV \leq 10% (typically \leq 5%).



Low Cost Replacement Capillary

The piezo actuator can be decoupled from the capillary enabling the use of low cost drop in replacements.



Wide Range of Reagent Viscosities

Dispenses onto slides, microtiter plates, biosensor/microfluidics devices, membranes, etc...



B I O D O T

Corporate Headquarters
2852 Alton Parkway, Irvine CA 92606 USA

Phone: +1 949 440 3685

www.biodot.com