

Nanoliter

We'll morph **YOUR** products into an ESI, MALDI nL MS dispensing product. Our patented IBF technology can open lucrative NEW MARKETS for **your** fluidic products in MS!

Android Controlled microliter syringe. Shoots nLs of liquid to target @ Tyndall AFB, FL.



Patented device and expendable IP.

Microliter syringe shoots nLs of chemical agent onto animals for US Army @ APG, MD.



Patented device, expendables. NEW, APG-X1

Microliter syringe shoots nLs of radiation samples into Mass Spec @ Idaho Nat. Lab!



Patented dispenser + Tips.

Nanoliter

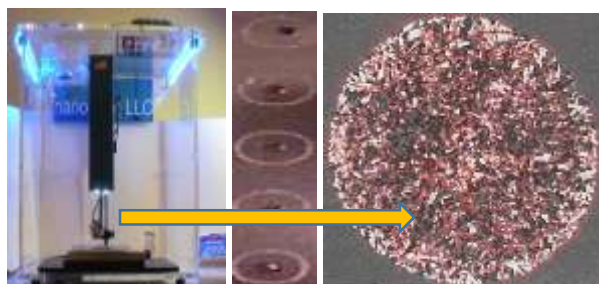
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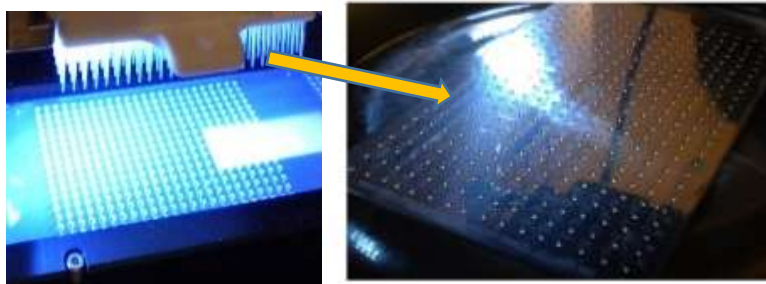
Non-touch pipette/s dispensers.

IBF can morph a single channel pipette or a Roche 384 parallel pipettor into a nT MALDI dispenser.

Single channel pipette/syringe nL dispense. Great crystals!

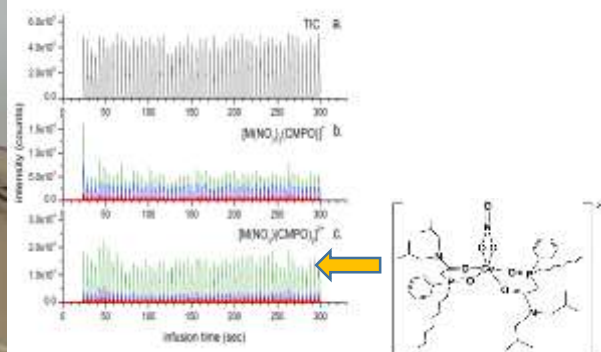
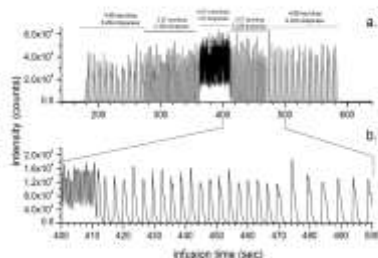


Directed 384 channel dispense occurs in parallel in 1 ms after 3 s move.



OR

IBF Can morph **YOUR** pumps into a **Mass Spec ION SOURCE**, that's also a n-T MALDI dispenser!



Positive ion profiles generated by individual drops. a. Total ion current. b. $[M(NO_3)_2(CMPO)]^+$. c. $[M(NO_3)(CMPO)_2]^{2+}$. Blue = Ce^{3+} , Green = Tb^{3+} , Red = Lu^{3+} .

ESI sample introduction, MALDI dispensing from **YOUR** products via IBF!

License our **INTERNATIONALLY UNIQUE**, patented IBF technology to enter MS sample prep arena.

Fastest (ms), most precise and efficient (100% or less) MS sample introduction system in the world!

USER SUCCESSES: <http://nanoliter.com/postcardjune2015no4.pdf> REFERENCES: <http://nanoliter.com/references2015.pdf>

Visit nanoliter.com. Contact: Drew Sauter. 702-882-5413.