

# NanoBlast96™ performance with 4 tip options (preliminary)

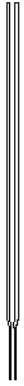
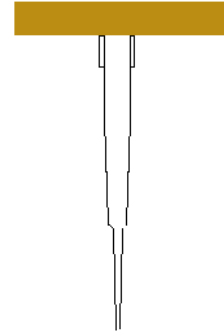
Labcon 50  
standard  
mandril

Labcon 50 w  
Deska filler  
mandril

Matrix  
DART 384

Fixed steel  
Swage  
tapered

Scale actual  
100% size



Tip type	Disposable	Disposable	Disposable	Fixed
Engagement of tip	Mandril extends down into tip	Mandril extends down into tip	Mouth of tip pressed upward against gasket	Fixed
Tip ID	0.016"	0.016"	0.012"	0.015"
Largest usable volume	45 uL	15 uL	45 uL	
Aspiration precision (SD)	8 nL	4 nL	6 nL	4 nL
Smallest volume that can be aspirated for discrete Blastoff	300 nL	200 nL	200 nL	100 nL
Maximum dilution ratio	140:1	75:1	225:1	
Discrete touchless Blastoff precision (SD)	40 nL	20 nL	40 nL	10 nL