

PART #

LE-C3207

LE-C3210

LE-C3213

NOZZLE SIZE

70 μ m

100 μ m

130 μ m

Mode

DROP Frequency

(EMPTY DROPS / SECOND)

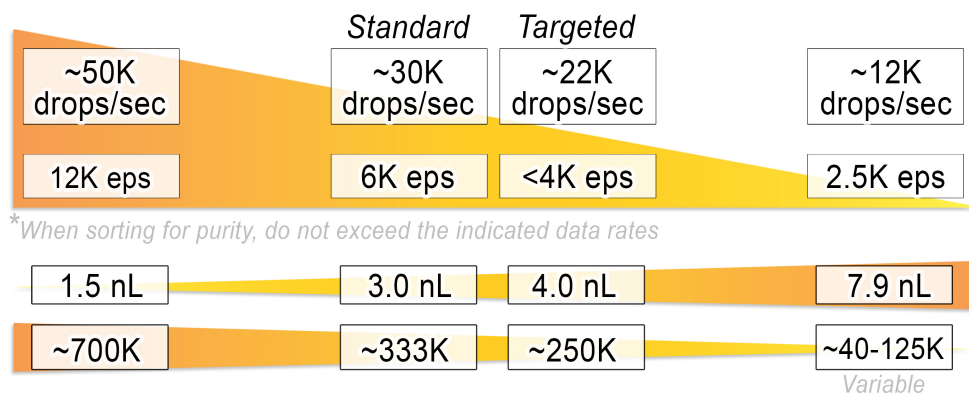
MAX SUGGESTED*
DATA RATE

(TOTAL EVENTS / SECOND)

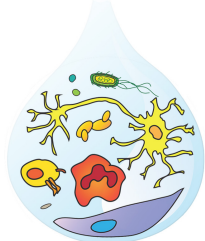
DROP VOLUME

SORTED EVENTS per 1mL

(OF SORTED VOLUME)



APPLICATION



- Fastest sort speed
- Limited to small particles
- Runs at highest pressure

- Most common nozzle for various cell types
- Targeted Mode reduces side-stream fanning & improves targeting precision of larger cells with uneven geometry into tubes or multi-well plates

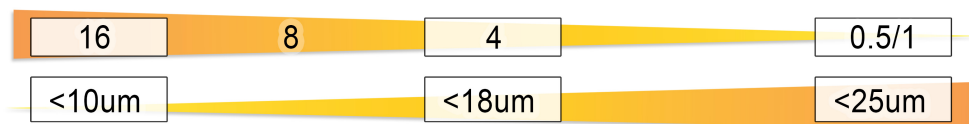
- Gives best cell viability
- Runs at lowest pressure
- Slowest sort speed
- Can sort any cell size under 25 μ m

E. Coli	RBC		CHO	ES cells	Neurons
	Yeast	Bone Marrow	Macrophages	K562	Hybridoma
Spleen	Lymphocytes	Cultured Stem Cells	Fibroblasts	HEK-293T	HeLa

FSC Gain

PARTICLE SIZE

(Nozzle size must be 5 to 7x larger than particle size)



Software auto-calibrates optimal Clock and Drive for each individual chip

PRESSURE

FREQUENCY (Clock)

AMPLITUDE (Drive)

DROPLET PROFILE

