

Specifications

Sensor type 1: Hi-Q Micro Sensor

Measurement range:

10 particles/mL - 2x10 particles/mL.

Measurement principle:

Resonant Mass Measurement.

Minimum sample volume:

100µL.

Microfluidics channel size: (W x H):

8µm x 8µm.

Particle size upper limit:

<8µm diameter

Lower Limit of Detection:

1.5fg.

Sensor type 2: Hi-Q Nano Sensor

Measurement range:

3x10 particles/mL - 1x10 particles/mL.

Measurement principle:

Resonant mass measurement.

Minimum sample volume:

100µL.

Microfluidics channel size: (W x H):

2µm x 2µm.

Particle size upper limit:

≤2µm.

Lower limit of mass detection:

350ag.

