

# Sample undergoing dynamic processes during the measurement

This measuring report shows a dynamic measurement.

- Over the first ~18 minutes the particle count is low;  $D_{n90}$ ,  $D_{[4,3]}$  and  $D_{[3,2]}$  jump up and down a lot
- At 17:15 the concentration of detected particles increases rapidly; there are no more jumps in the D-Values

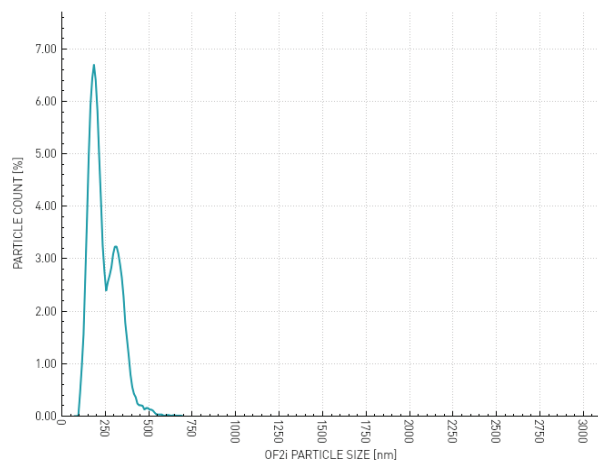
## MEASUREMENT RESULT - NUMBER BASED

MEAN	BLOCK
$D_{n90}$ : 359.6nm	$D_{n90}$ : 630.3nm ( $\pm 303.6$ )
$D_{n50}$ : 221.0nm	$D_{n50}$ : 269.5nm ( $\pm 40.0$ )
$D_{n10}$ : 153.7nm	$D_{n10}$ : 158.4nm ( $\pm 10.5$ )
SPAN : 0.93	SPAN : 1.75
MODE : 175.0nm	MODE : 257.1nm
$D_{[4,3]}$ : 1387.2nm	$D_{[4,3]}$ : 998.8nm ( $\pm 685.0$ )
$D_{[3,2]}$ : 601.6nm	$D_{[3,2]}$ : 860.7nm ( $\pm 609.5$ )

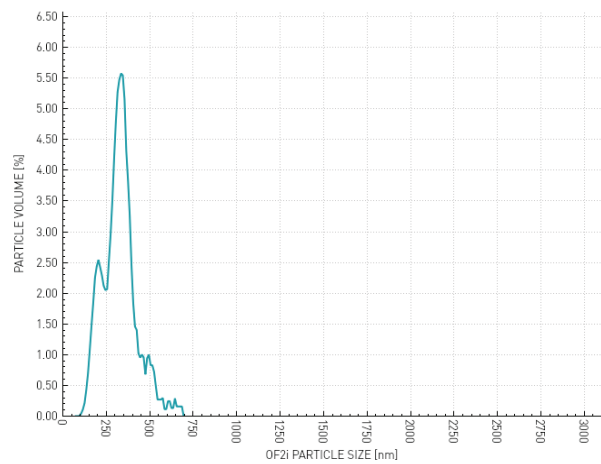
## MEASUREMENT RESULT - VOLUME BASED

MEAN	BLOCK
$D_{v90}$ : 2602.3nm	$D_{v90}$ : 1170.5nm ( $\pm 679.7$ )
$D_{v50}$ : 1232.9nm	$D_{v50}$ : 1080.9nm ( $\pm 695.7$ )
$D_{v10}$ : 273.2nm	$D_{v10}$ : 712.8nm ( $\pm 767.8$ )
SPAN : 1.89	SPAN : 0.57
MODE : 2605.0nm	MODE : 1154.6nm
Particle # : 1.57E+03	Object # : 2.38E+03

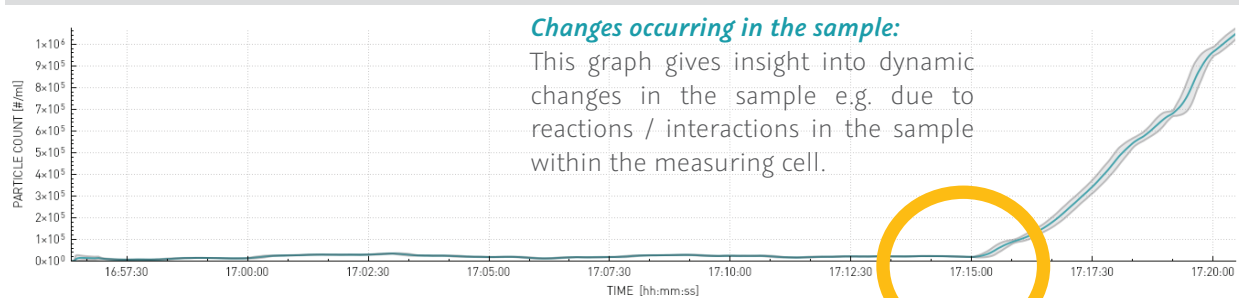
## PARTICLE SIZE DISTRIBUTION - NUMBER BASED



## PARTICLE SIZE DISTRIBUTION - VOLUME BASED



## CONCENTRATION



## D-VALUE DISTRIBUTION

