



Sample

Sample Name	Bloom Filter 12 µm	Date	19.08.10
Sample Origin	Rohwasser	Time	12:07:20
Reference	Bloom Filtertechnologie GmbH	Operator	user2
Remarks	Rohwasser mit Kugeln von Ø 0 bis 40 µm Messvolumen 0,1 ml		

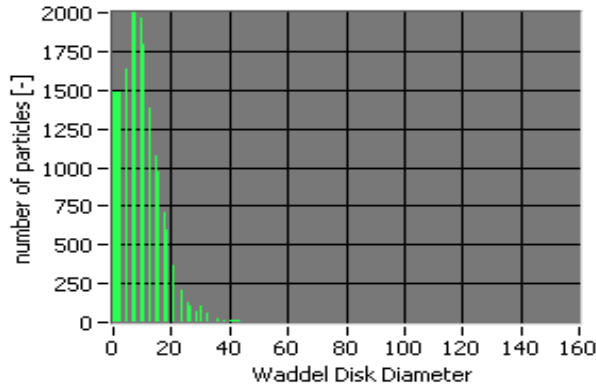
Method

Overall	160wadd	Measurement Value	Waddel Disk Diameter
Filter	equalize	Weight	number
Analysis	160wadd	Distribution Type	number of particles [-]
Camera	cam1	Number of Frames	831

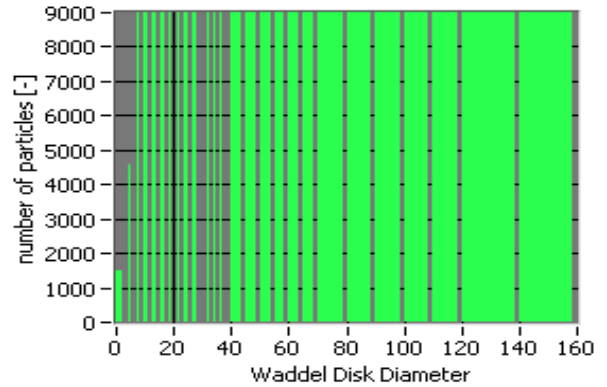
Statistics

Mean	11.2	Std	5.3	Number	27421.0
x(1,0)	11.2	x(1,2)	17.7	x(1,3)	24.2
x(5%)	3.7	x(50%)	10.4	x(95%)	22.6

Particle Spectrum



Sum Distribution



x	n[-]	S [-]	x	n[-]	S [-]	x	n[-]	S [-]	x	n[-]	S [-]	x	n[-]	S [-]
0-4	1488.0	1488.0	13-14	1383.0	19604.0	23-24	265.0	26422.0	36-38	20.0	27382.0	90-100	0.0	27420.0
4-5	1434.0	2922.0	14-15	1260.0	20864.0	24-25	211.0	26633.0	38-40	16.0	27398.0	100-110	0.0	27420.0
5-6	1636.0	4558.0	15-16	1079.0	21943.0	25-26	153.0	26786.0	40-45	14.0	27412.0	110-120	0.0	27420.0
6-7	2045.0	6603.0	16-17	966.0	22909.0	26-27	126.0	26912.0	45-50	4.0	27416.0	120-140	1.0	27421.0
7-8	2064.0	8667.0	17-18	830.0	23739.0	27-28	107.0	27019.0	50-55	3.0	27419.0	140-160	0.0	27421.0
8-9	2137.0	10804.0	18-19	705.0	24444.0	28-29	83.0	27102.0	55-60	0.0	27419.0			
9-10	2098.0	12902.0	19-20	590.0	25034.0	29-30	64.0	27166.0	60-65	0.0	27419.0			
10-11	1969.0	14871.0	20-21	469.0	25503.0	30-32	101.0	27267.0	65-70	1.0	27420.0			
11-12	1797.0	16668.0	21-22	364.0	25867.0	32-34	57.0	27324.0	70-80	0.0	27420.0			
12-13	1553.0	18221.0	22-23	290.0	26157.0	34-36	38.0	27362.0	80-90	0.0	27420.0			

parameter	mean	Std	parameter	mean	Std	parameter	mean	Std
Waddel Disk Diameter	11.2	5.3	Equivalent Ellipse Minor Axis	9.1	4.3	Ratio of Equivalent Rect Sides	1.2	0.2
Hydraulic Radius	5.3	2.5	Equivalent Rect Long Side	9.8	4.4	Elongation Factor	1.9	0.3
Max Feret Diameter	13.3	5.7	Equivalent Rect Short Side	8.9	4.2	Compactness Factor	0.7	0.0
Equivalent Rect Diagonal	12.9	6.1	% Area/Image Area	0.7	0.2	Heywood Circularity Factor	1.1	0.0
Perimeter	37.5	17.1	Equivalent Ellipse Minor Axis (Feret)	9.8	4.9	Type Factor	1.0	0.0
Convex Hull Perimeter	37.2	17.0	Equivalent Rect Short Side (Feret)	7.7	3.8	Tortuosity	0.8	0.1
Equivalent Ellipse Major Axis	14.1	6.4	Ratio of Equivalent Ellipse Axes	1.7	0.2	Light Intensity	173.4	0.0