

# Pulse Height Analysis Software **KF-50A**

# Allows Real-time Analysis of Signal From Particle Counter

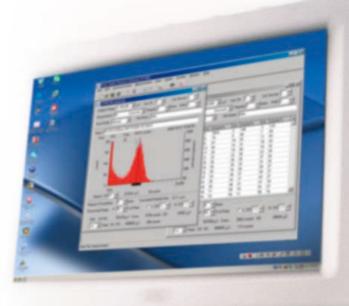
ETON PARTICLE GENERATOR	□ ☞ ■ ⊕ ⇒ ⇒ ■ Image: End of the second sec		197	_	_		_		-
185-94	Measurement: 60 seconds 💌 Repeat: 1 🕂 times Hold: 2	÷ .	0.00	0 <b>v</b> μV 1	C 4 CL	. 2 -	Call		
a a a	Save Mode: Manual 👻 File Name: data	_ [	0,00			Constant of the			
DRY AIR NEBULIZE		_	_			peat: 1	times	Hold: 2	
e/6404 e/6404	Memo: KS-41A 0.202um JSR STADEX SC-024-S		File Name: data						
0 0	Time: 60 s Total: 84121 counts 2008/10/31 15:06:5	S 14	-						
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Digital Hosting			1	2518	2	148	3	133	
	150 - 80%	2	5	75	6	68	7	64	
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0 0	₩ -60%		13	54	14	31	15	43	11.1
	\$ 100-	9	17	38	18	49	19	32	
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	-20%		29	30	30	33	31	32	KC-O
			33	35	34	26	35	27	143.3 Feelball of
× 1	0		37	19	38	27	39	27	40.3 - run
1	CH0 CH255		41	35	42	17	43	27	77.3 · LANEN
	Marker*: CH 47 🐥 , 231934 µV, 26 counts		45	20	46	31	47	18	er jacmer
2 C	Repeat of Smoothing: 0 🕂 times Converted Particle Size: 0.17 μ.m		49	17	50	15	51	27	0
			53	15	54	11	55	16 💌	
	Processing Range: (* 50 🚽 % of Peak C L; CH 36 🚽 · H; CH 11		1.00	times		nverted Particl		μm	
	50%: CH102, 501630 µV Cumu: 4799 counts SD: 43452	:μν	•	i0	Peak	C L: CH	184	• H: CH 229 🔆	
	1st 💌 Peak: CH 101 , 495605 μV, 205 counts			07050 V C		2002		20024	
				07056µV C		3682 count		29834 µV	
	1st	Peak: 0	H 1	01, 49560	5 µV.	113 count	ts		
CLINT	Start the measurement								
518 1.00 M		4.04	444			Ų. 15	1820	0 KE-4081	
8 g 250 8 g 250	Marcal Research					0.2	1820 925 450	AL-4081	
	A LOWER					Õ.Š	105		
<b>₽</b> R	10N								
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	@ 1981.07								3

• Displays results of pulse height analysis as performed in particle counter

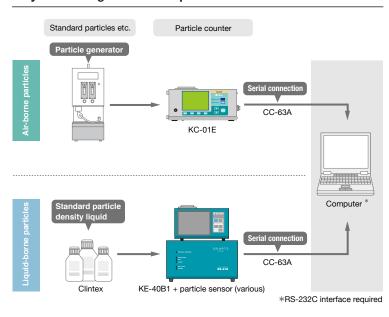
- Automatically calculates particle sizes from voltage values for display
- Suitable for noise check of samples with noise rise such as photoresist
- Ideal for maintenance purposes and for assuring particle counter classification accuracy
- Particle distribution data can be used to test particle generator stability

### ■ Specifications

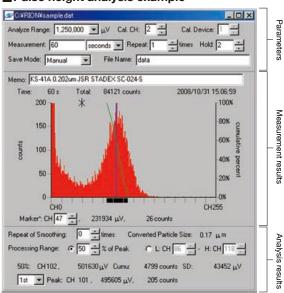
Rion products with integrated pulse height analysis function
Hardware platform: IBM PC/AT compatible computer
Operating system: Microsoft Windows 10 Pro 64 bit / 11 Pro 64 bit
Other equipment: CD drive, USB inter face, Serial inter face
Automatic measurement, Automatic repeated measurement
39 063 μV, 78 125 μV, 156 250 μV, 312 500 μV, 625 000 μV,
1 250 000 μV, 2 500 000 μV, 5 000 000 μV
For each voltage analysis range:
153 μV, 305 μV, 610 μV, 1 221 μV, 2 441 μV, 4 883 μV, 9 766 μV, 19 531 μV
1 to 6 000 s, 1-second steps
1 to 100 000 particles, 1-particle steps
Number of pulses for each pulse height value (channel) shown as histogram
Vertical axis full-scale point switching (automatic, manual)
Vertical axis scale switching (linear, logarithmic)
Measurement time and total count, cumulative percentage graph,
marker
Peak search, calculate cumulative count 50% voltage and standard
deviation, smoothing, voltage to particle size conversion,
add memo, copy screen, save/load measurement results,
print measurement results
Protection key x 1
Communication cable CC-61A, CC-63A



# System configuration example



## ■Pulse height analysis example



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