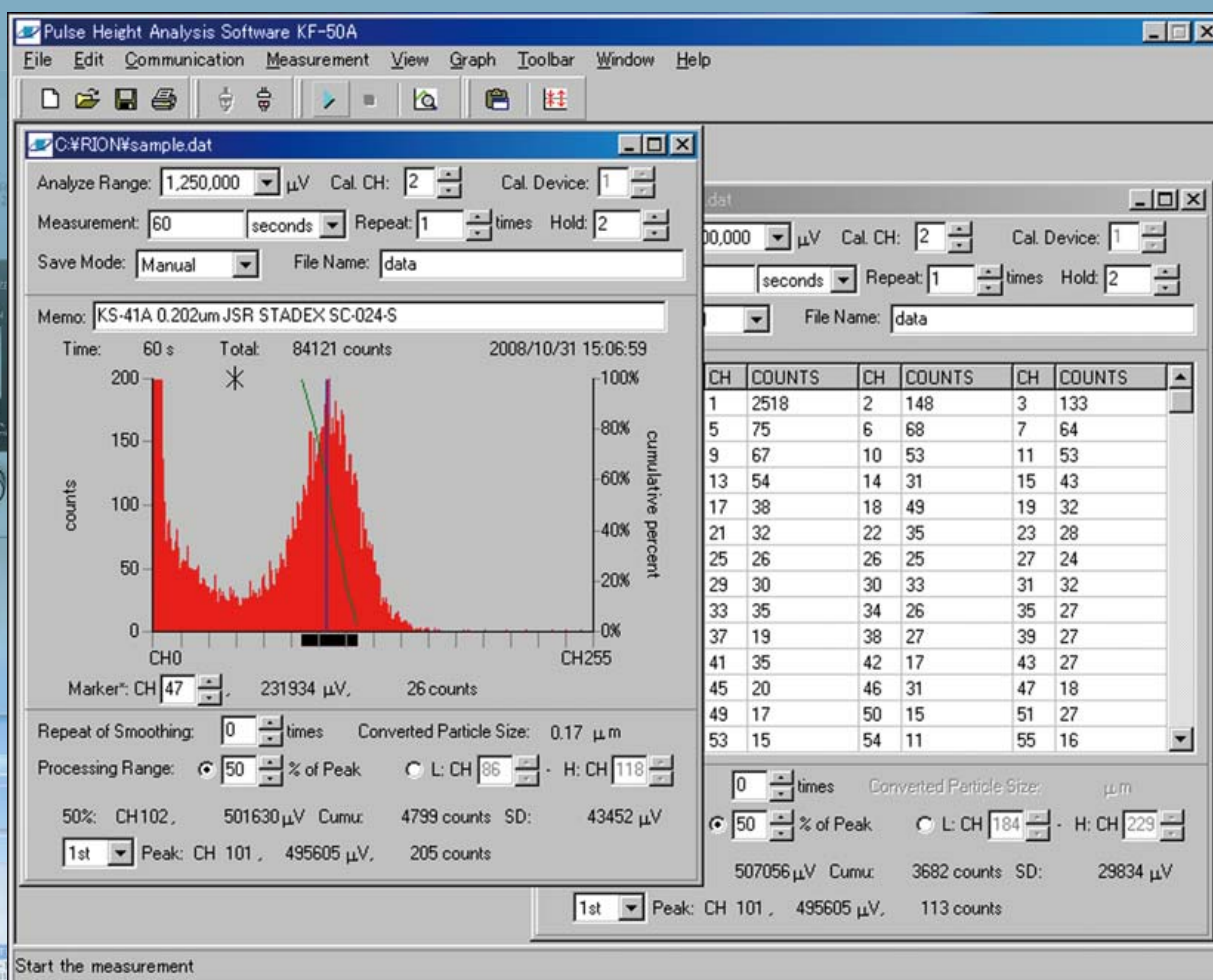


# Pulse Height Analysis Software KF-50A

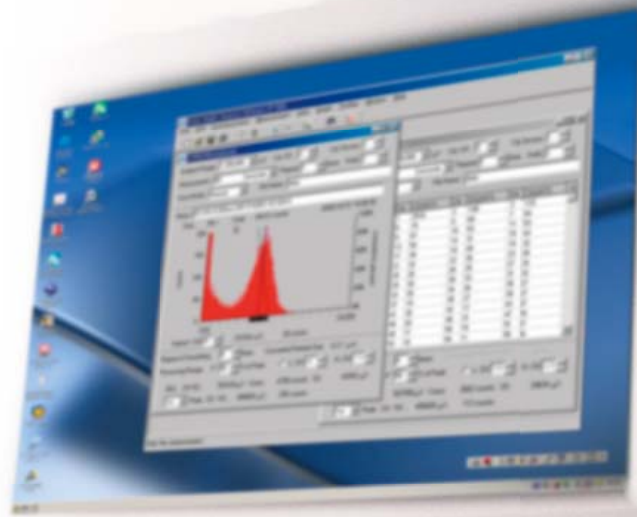
## Allows Real-time Analysis of Signal From Particle Counter



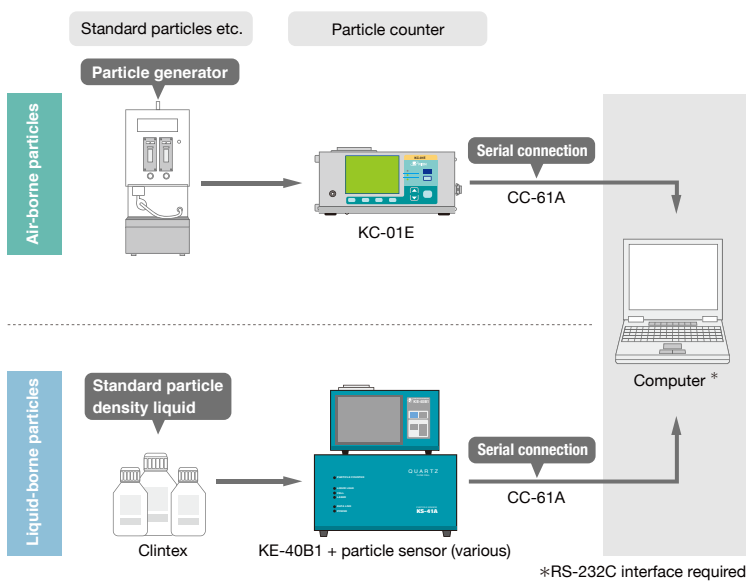
- Displays results of pulse height analysis as performed in particle counter
- Automatically calculates particle sizes from voltage values for display
- Suitable for noise check of samples with noise rise such as photoresist
- Ideal for maintenance purposes and for assuring particle counter classification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

## Specifications

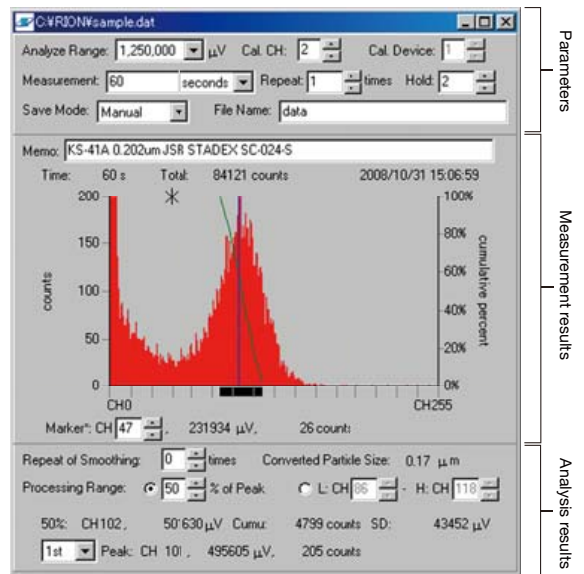
Supported products	Rion products with integrated pulse height analysis function
Operation environment	Hardware platform: IBM PC/AT compatible computer Operating system: Windows XP Professional/Home Edition, SP2 or later Other equipment: CD drive, USB inter face, Serial inter face
Basic operation and functions	
Measurement modes	Automatic measurement, Automatic repeated measurement
Measurement items	
Voltage analysis ranges	39 063 $\mu\text{V}$ , 78 125 $\mu\text{V}$ , 156 250 $\mu\text{V}$ , 312 500 $\mu\text{V}$ , 625 000 $\mu\text{V}$ , 1 250 000 $\mu\text{V}$ , 2 500 000 $\mu\text{V}$ , 5 000 000 $\mu\text{V}$
Pulse height analysis function	For each voltage analysis range: 153 $\mu\text{V}$ , 305 $\mu\text{V}$ , 610 $\mu\text{V}$ , 1 221 $\mu\text{V}$ , 2 441 $\mu\text{V}$ , 4 883 $\mu\text{V}$ , 9 766 $\mu\text{V}$ , 19 531 $\mu\text{V}$
Measurement end conditions	
Measurement time	1 to 6 000 s, 1-second steps
Total count	1 to 100 000 particles, 1-particle steps
Display	
Graph	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
Numeric table	
Functions	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
Supplied accessories	Protection key x 1
Options	Protection key (for license) Communication cable CC-61A



## System configuration example



## Pulse height analysis example



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\* Specifications subject to change without notice.



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