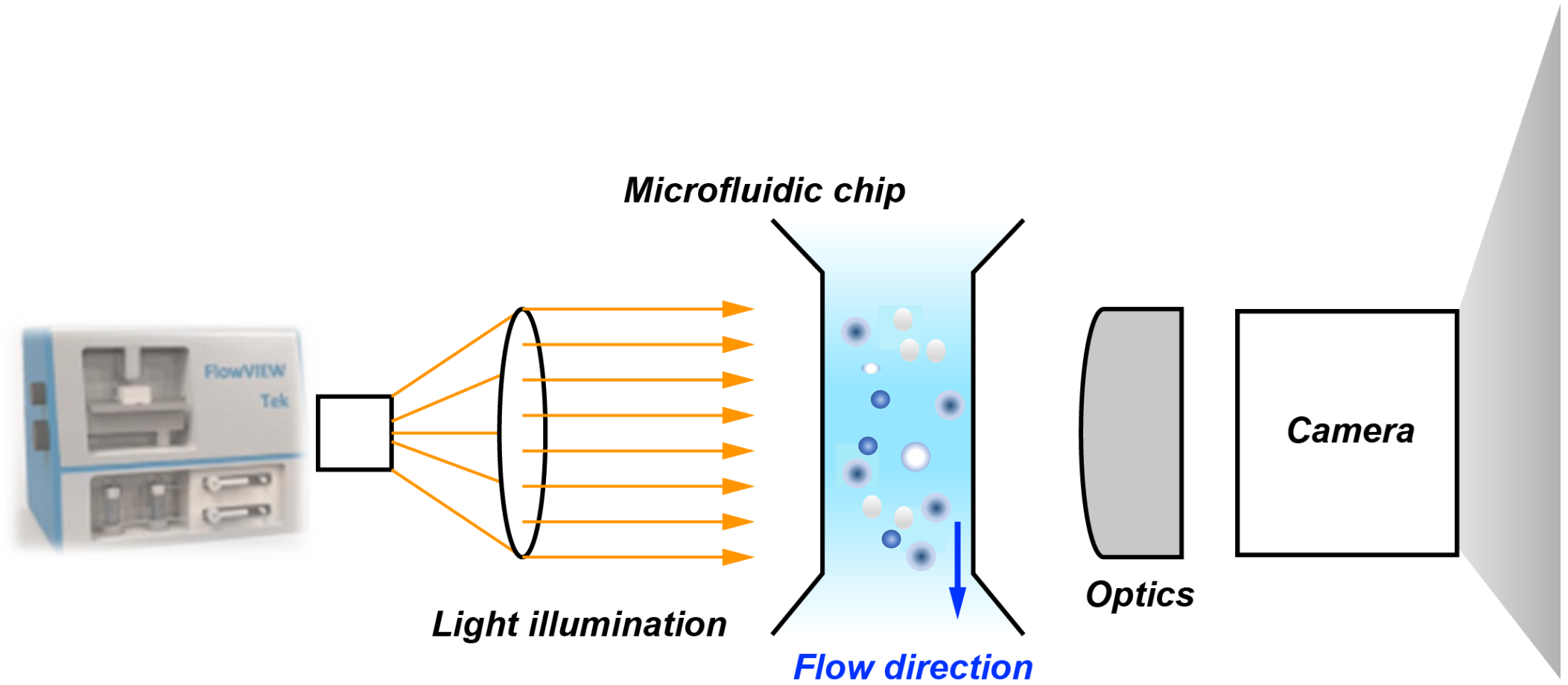


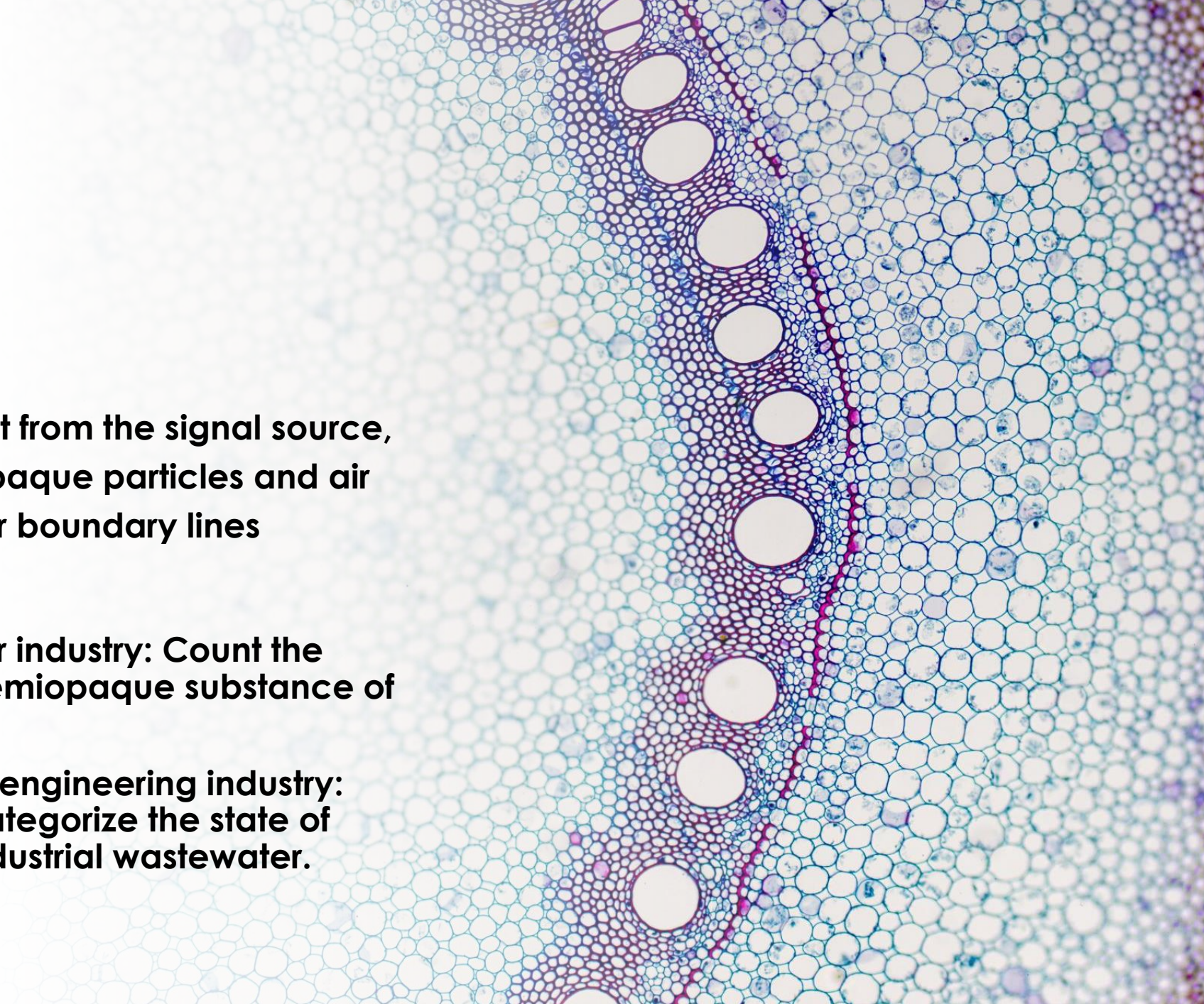
New Product – AI Particle Imager

- AI Fluid Real-time Imaging Microscopy (F-R-I-M technology)



Data Visualization

- **Advantage** : Different from the signal source, it can identify semiopaque particles and air bubbles with irregular boundary lines
- **Application** :
 - ① **Semiconductor industry:** Count the etchant and semiopaque substance of LCD panel.
 - ② **Environmental engineering industry:** Identify and categorize the state of microbes in industrial wastewater.





microbe species identification



special material(opaque substance) inspection

Precise

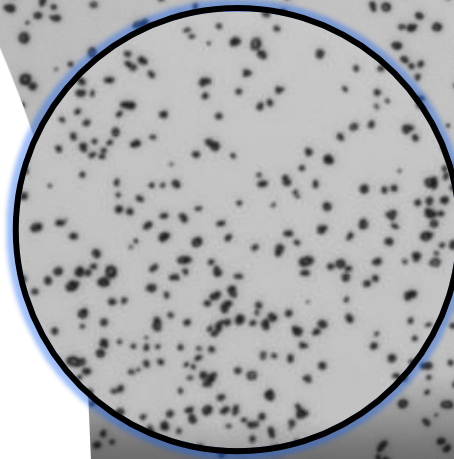
- Advantages :

- ① One-by-one counting without missing every single particle
- ② Accurately display the particle shapes

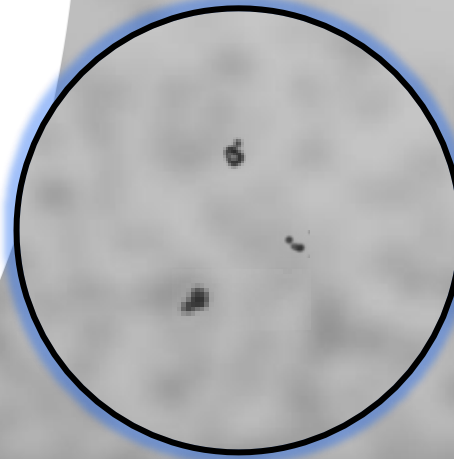
- Applications :


- ① Carbon dust, MLCC Formulated Powder, magnaglo
- ② Precise circularity measuring(the roundness standard can as precise as 0.05)
- ③ Average equivalent diameter analysis

FlowVIEW



Other company





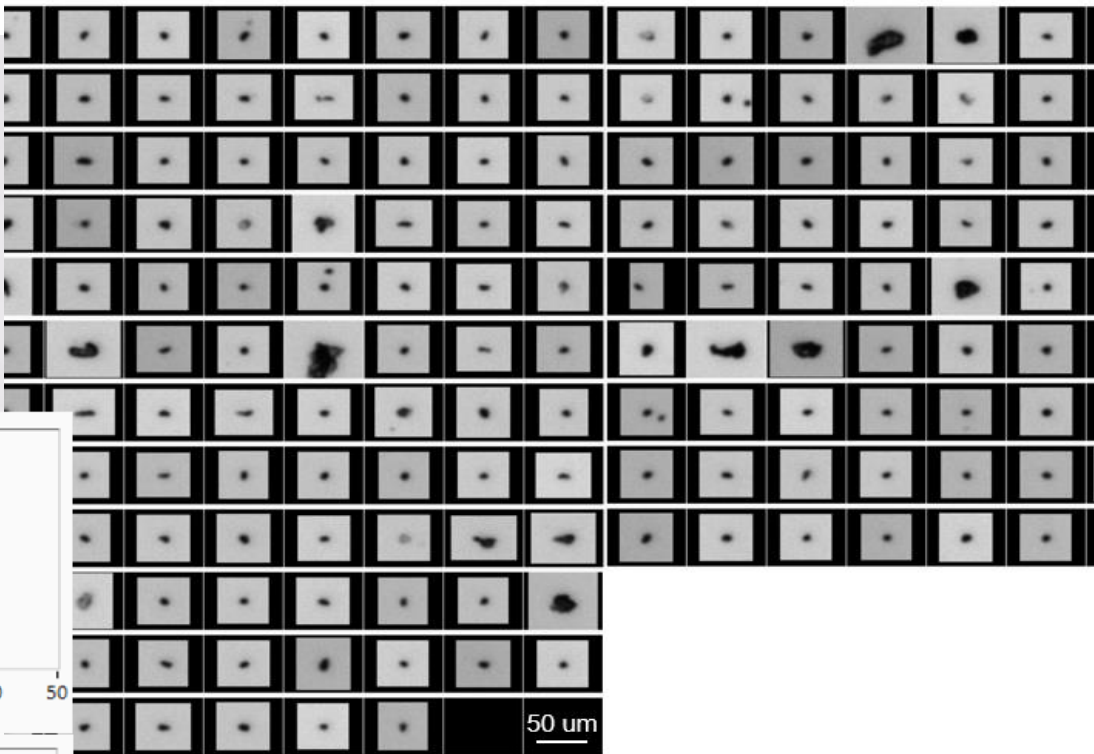
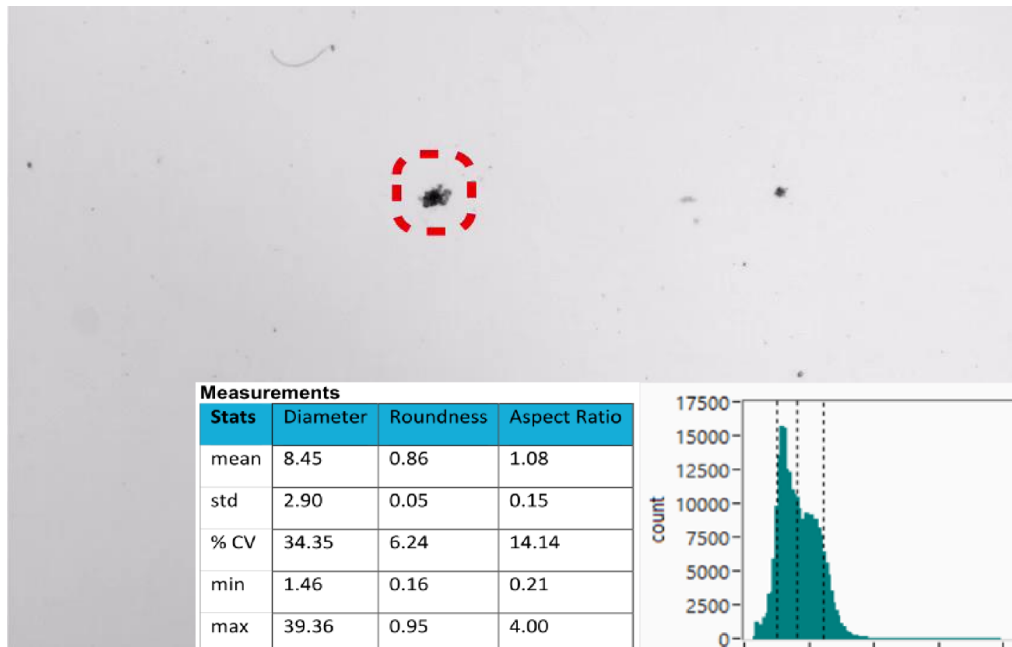
**No One Has Ever Seen
Before**

Large volumes
of powder

A microscopic image of plant tissue, likely a cross-section of a stem or root, showing a dense network of cells. A prominent feature is a vertical column of large, circular structures, possibly vascular bundles, which are stained in a darker purple hue. The surrounding tissue consists of smaller, more uniform cells stained in a lighter blue/purple color. An orange horizontal bar is located at the top left of the slide.

High-Speed Massive Data Production

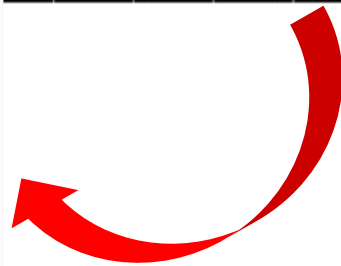
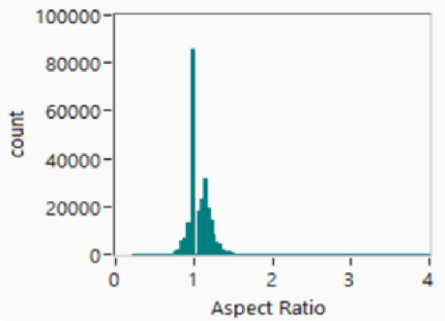
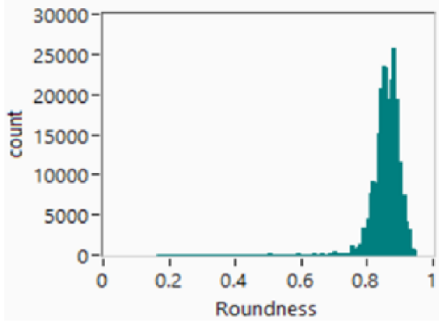
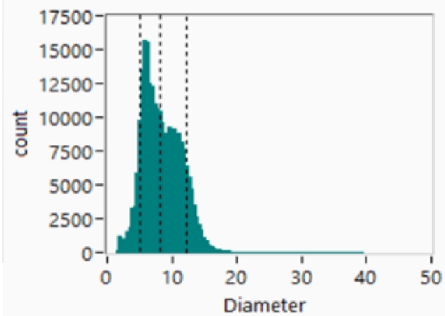
- **Advantages** : Over 100,000 pieces of data can be analyzed per minute
- **Applications** :
 - ① High-speed counting and measuring a massive number of microbeads and carbon dust
 - ② Display the overview of particulate matter distributions



Measurements

Stats	Diameter	Roundness	Aspect Ratio
mean	8.45	0.86	1.08
std	2.90	0.05	0.15
% CV	34.35	6.24	14.14
min	1.46	0.16	0.21
max	39.36	0.95	4.00

Counts = 309906.25 per cc
D10= 5.06, D50= 8.09, D90= 12.26



機密文件僅供FlowVIEW使用，請勿任意轉載