# BEVS

# Specific Gravity & Grinding
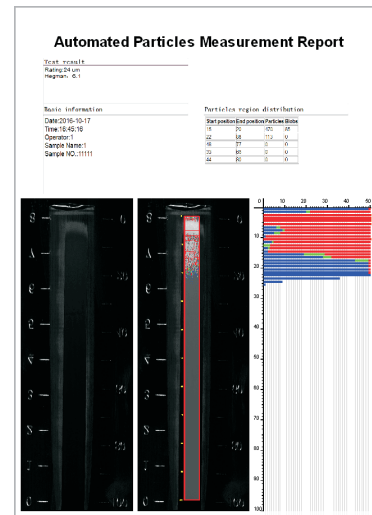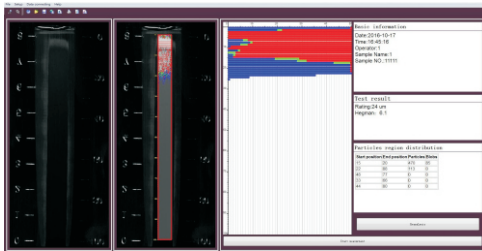
## Automated Particle Analyzer

### ■ Introduction:

Paint, coatings and chemical manufactures know that insufficiently or over-ground material will cause loss of production time, higher costs. People are used to inspect the fineness by a traditional manual method, it is difficult to observe the fineness result correctly for a same sample under different operators because the fineness is micron level and causes difference between true particles and air bubbles or erroneous matter.

With technology innovation and improvement, BEVS developed the advanced Automated Particle Analyzer which can automatically draw down the sample on the grind gauge, generating the image by a high resolution camera under the light source, the image is processed by using a customized software to generate the rating on the touch screen.

BEVS Automated Particle Analyzer can be ensured that repeatability and accuracy for the testing result, avoiding human errors and greatly improving production efficiency.

### ■ Technical Specification:

◆ Measurement range: 0-200μm

◆ Measurement accuracy: ±5%

◆ Control method: Large touch screen

◆ Memory: 10GB (expandable)

◆ Cycle measurement time: 2 minutes

◆ Supports: Single channel grind gauge
(0-25μm,0-50μm,0-100μm)
Standard equipped with one gauge(Optional)

◆ Operation temperature：−10℃ ~ +40℃

◆ Connection port: USB, VGA

## ■ Features：

◆ Automatically analyze fineness to avoid human errors

◆ Automatically draw down coatings to avoid operation errors

◆ Built-in computer operating system

◆ Simple operation by touch screen

◆ Easy to analyze particle distribution

◆ Easy to view image

◆ Big database to save parameter setting of various coatings

◆ Quickly take a photo in 5 seconds to avoid sample dry

◆ VGA port available to connect other display screen

## ■ Standard：

ISO 1524

## ■ Order  Information：

BEVS 3168 Automated Particle Analyzer