



Bettersize

Founded in 1995, Bettersize Instruments is a leading manufacturer of particle analysis instruments. Our diverse product line delivers precise analysis of particle size, particle shape, zeta potential, powder characteristics, density, and stability. Our instruments assist scientists, researchers and engineers to understand material properties, facilitate research, optimize product performance, and beyond.

BeScan Lab+

Stability Analyzer



- Function: **Stability measurement** of dispersion systems
- Principle: Static Multiple Light Scattering (**SMLS**)
- Sample concentration: max **95% v/v**
- Sample volume: **2 - 25 mL**
- Light source: 850 nm LED with 20 μm scan step
- Detection angle: 0° & 135°
- Temperature range: **RT - 10 °C - 80 °C ($\pm 0.5^\circ\text{C}$)**
- Measurement mode:
Regular/Fixed point/Temp. trend
- Compliance with ISO/TR 18811:2018, ISO/TR 13097:2013, ISO/TR 21357:2022, ISO/TS22107:2021, ISO 13317-3:2001

NEW

BeNano 180 Zeta Max

Nanoparticle Size and Zeta Potential Analyzer



- Function: **Nanoparticle size, zeta potential**, molecular weight, refractive index, concentration
- Measuring range: **0.3 nm - 15 μm**
- Principle: **DLS, ELS**, PALS, SLS, optical refraction, LEDLS
- Sample volume: **3 μL - 1 mL**
- Light source: 671 nm laser with 50 mW
- Detection angle: 90° & 173° & 12° & 0°
- Temperature range: **-15 °C - 120 °C**
- Automatic pH titration with acid or base
- Compliance with 21 CFR Part 11, ISO 22412, ISO 13099

Bettersizer 2600 Plus

Particle Size and Shape Analyzer



- Function: **Particle size and shape** measurement
- Measuring range: **0.02–2,600 μm (Laser)**
2–3,500 μm (Image)
- Particle shape: **Circularity, aspect ratio**, etc.
- Principle: **Laser Diffraction and Dynamic Image Analysis**
- Light source: **635 nm** laser; green and blue LEDs
- Patented Fourier and inverse-Fourier optical system
- Modular wet and dry dispersion units
- Dual-camera imaging module
- Refractive index measurement, automatic dispersant addition
- Compliance with ISO 13320, ISO 13322-2, 21 CFR Part 11, USP <429>

Bettersizer S3 Plus

Particle Size and Shape Analyzer



- Function: **Particle size and shape** measurement
- Measuring range: **0.01–3,500 μm (Laser)**
2–3,500 μm (Image)
- Particle shape: **Circularity, aspect ratio**, etc.
- Principle: **Laser Diffraction and Dynamic Image Analysis**
- Light source: **532 nm** laser; white and blue LEDs
- Patented Dual Lenses & Oblique Incidence system
- Dual-camera imaging system
- Refractive index measurement
- Compliance with ISO 13320, ISO 13322-2, 21 CFR Part 11, USP <429>

Bettersizer ST

One-Stop Particle Size Analyzer



- Function: **Particle size** measurement
- Measuring range: **0.1 - 1,000 μm**
- Principle: **Laser diffraction**
- Light source: **635 nm** laser
- Fully automated wet dispersion
- One-stop compact design
- Compliance with ISO 13320, 21 CFR Part 11, USP <429>

BeVision M1

Automated Static Image Analyzer

- Function: **Particle size, shape** and **number** measurement
- Measuring range: **0.3 - 10,000 μm**
- **24** different particle size and shape parameters
- Principle: **Static Image Analysis (SIA)**
- Light resource: Halogen lamp
- Automatic and accurate sample stage for **Panoramic imaging**
- Camera: 12-megapixel CMOS
- Compliance with ISO 13322-1, ISO 9276



BeVision D3 Pro

Particle Size and Shape Analyzer

- Function: **Particle size, particle shape**
- Measuring range: **0.5 μm - 16 mm**
- Principle: **Dynamic Image Analysis (DIA)**
- Optical system: Dual-lens system
- Camera: 5-megapixel CMOS
- Light source: Blue and green LEDs
- Dispersion method: Free fall, wet
- Typical test time: **3 minutes**
- Compliance with: ISO 13322-2, ISO 9276



NEW

PowderPro X1

Powder Characteristics Tester



- Function: Powder physical property analysis
- **18** items: Angle of repose, tapped density, **flowability**, flow rate, sieve analysis, and more
- Principle: **Carr Index method** and standardized powder characterization
- Patented **360°** angle-of-repose imaging technology
- Integrated environmental monitoring and dust control
- Compliance with USP, Ph. Eur., ISO, ASTM, and **20+** international standards

NEW

BetterPyc 380

Automatic Gas Pycnometer



- Function: **True density, volume, solid content, open and closed cell content**
- Principle: **Gas Displacement Method**
- Gas type: Helium/Nitrogen (recommended)
- Temperature range: **10–65 °C**
- Sample cup capacity: 10 cm³, 35 cm³, 100 cm³ (nominal)
- Compliance with: ASTM B923, ISO 12154, ASTM D6226, USP <699>, etc.

BeDensi T Pro Series

Tapped Density Tester



- Function: **Tapped density**
- Cylinder volume: 25, 100, and 250 mL
- Tapped speed: 100–300 taps/min
- Tapped height: 3 and 14 mm
- Up to **3** workstations
- Compliance with **USP, ISO, ASTM, and Ph. Eur.** standards

Key Facts

No.1

Market Share in China



24k+

Organizations Using Bettersize's Technology



92

Countries Covered



130

Patents



15%

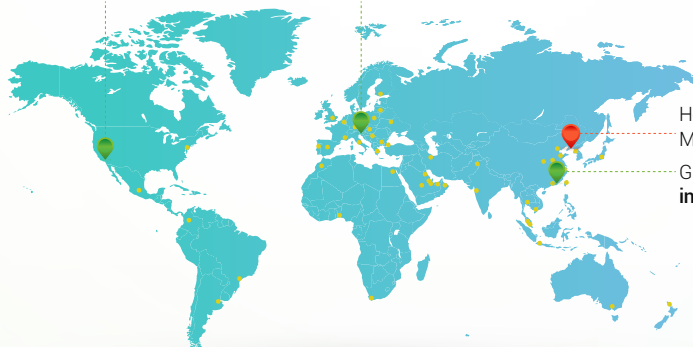
Revenue Invested in R&D



Global Footprint

U.S. Subsidiary in Los Angeles
Bettersize Inc.

European Subsidiary in Munich
Bettersize Europe GmbH



Headquarters, R&D and Manufacturing Center in **Dandong**
Global Business Center in **Shenzhen**

● 55 Local Support Centers & Labs

