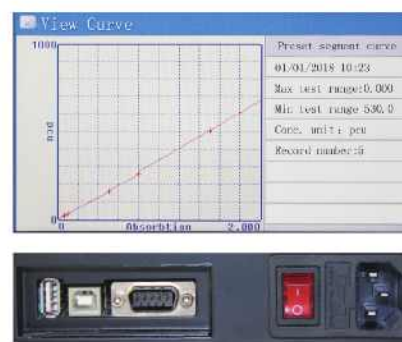# BC-4000 Series Benchtop Colorimeter

Main Features

- 4.3 inch colored FTT screen with friendly UI make operations easy.

- Big storage space and support USB storage and data transfer to USB drive.

- Contain 200 curves and customize high precision test curve according to measurement ranges. Customers can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision.

- Adopt ARM9 main control chip which makes operations easy and smooth, instrument respond quickly and provide big storage up to 500M.

- Data transfer to PC via USB interface and optional wireless Bluetooth transmission.

- Adopt special and high precision light filter system to ensure the instruments' stability and measurement precision.

- Cold light source, narrowband interference, with long lifetime up to 100,000 hours.

Specifications

Description	Drinking Water Colorimeter	Smart Colorimeter	High-precision Colorimeter	Beer Colorimeter
Model	BC-4000D	BC-4000S	BC-4000H	BC-4000A
Minimum readout (PCU)	0.001	0.1	0.001 0.01	0.001EBC
Measuring range (PCU	0～50	0～500	0～500	0～30EBC
Basic error	±5%FS	±5%FS	±5%FS	2～5 EBC, ≤±0.1 EBC 5～10 EBC, ≤±0.2 EBC 10～30 EBC, ≤±0.5 EBC
Repeatability	≤0.5%	≤0.5%	≤0.5%	≤0.5%
Zero draft	±0.5%FS	±0.5%FS	±0.5%FS	±0.5%FS
Characteristics	Drinking water and low chroma solutions, with wider cuvette	Industrial waste water and river water	Industrial waste water and river water	Beer chroma measurements