



DC-TYPE PN COUNTER

Introduction



DC-type PN counter is a unique solution for professional emission test. It is specially designed for testing particulate mass and numbers at test centers and engine test benches. The product is composed of the most advanced particle monitoring sensors currently on the market, and all components in the PN counter are integrated together to ensure correct operation of the sensors under all conditions.

Application

It can be used to measure the particulate number (PN), engine test bench and PEMS test, and monitor ultra-low emissions of environmental particulate matter.

Advantages

- 1 It can measure both particulate number and mass;
- 2 Wide dynamic measurement range;
- 3 Response time <5s, time resolution: 1s, measurement accuracy $\leq \pm 20\%$;
- 4 No need for dilution sampling;
- 5 Communication: 4G/5G IoT communication, direct data transmission to cloud server and real time viewing on mobile phone and PC;
- 6 Detectable particulate matter: 10nm-2.5 μ m
- 7 Measurement range: 1000~5000000#/cm³;
- 8 Continuous real-time monitoring;
- 9 Fastest responsive particulate sensor to ensure real-time measurement.