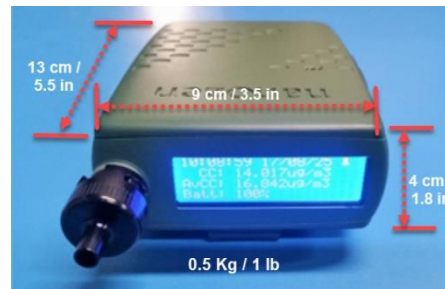


# DUSTCOUNT 8899 PRODUCT OVERVIEW

## OVERVIEW

The DustCount combines the advantages of real-time dust monitoring with the ability to do the standard method all in a compact, lightweight (.5 kg) package.

- Fits in vest pocket or clip to belt.
- 12-hour battery life with 2-hour recharge.
- Automated pump flow rate control, no user required.
- UL/CSA approved, Intrinsic safe (soon).
- Audible, and Visual alarming.
- Non-volatile memory stores 6 months of data.



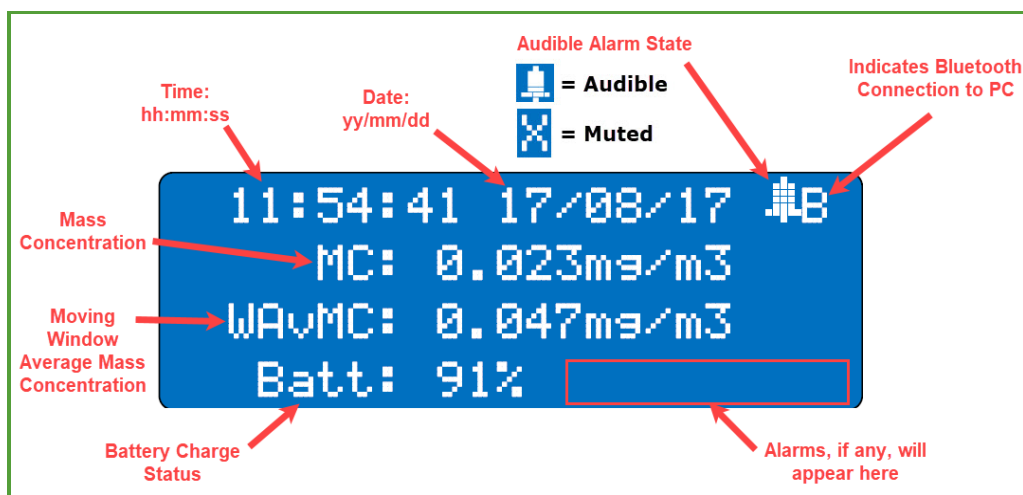
action

## REAL-TIME FEATURES



- As an Optical Particle Counter (OPC) the DustCount counts the number and size of respirable dust particles in real-time.
- Detects and displays the average mass concentration in real-time for PEL.
- Detects a moving average mass concentration window for STEL.
- Provides real-time information on the particle size distribution over the fraction of the particle size range.

## DISPLAY OVERVIEW



## DUSTCOUNT SAMPLE FILTER



- The DustCount includes a sample collecting filter, enabling post-measurement dust content analysis.
- Cassette houses a removable standard 25 mm filter, such as Teflon, PVC, ester, or mesh.
- Collected samples can be sent off for Gravimetric analysis, X-ray diffraction analysis, or IR Absorption analysis
- The DustCount provides the user the ability to enter gravimetric and dust type information into the device via the User Interface (UI) to compensate for unusual dust.

## DUSTCOUNT SOFTWARE

The DustCount User Interface (UI) software runs on a PC running Windows or MAC running OSX and connects to the DustCount either via USB or Bluetooth.



- Allows the user to easily configure the DustCount, and download, save and graph data stored on the unit for post-processing and display.
- Supports the saving of logged data to either comma separated value (.csv) format or Excel (.xlsx) format.
- Supports real-time graphing capabilities, graphs can also be saved in .png format.

### SAMPLE GRAPH FROM DUSTCOUNT SOFTWARE

## DUSTCOUNT KIT CONTENTS



- Laminated Quick-start Guide
- DustCount Unit w/ installed cassette assembly containing a 25mm protective filter and 25mm fiber filter support pad.
- USB Thumb drive containing Documentation, User Interface software and How-To videos.
- Anti-static tube with clip.
- USB Cable
- Charger
- HEPA Filter
- Impactor Oil
- Screwdriver