



## Constant Monitor

CM8300

### Description

Ensures constant monitoring of the earth to ground connection. The in-line wrist-strap, mat and Earth Constant Monitor is designed to continuously monitor whether the wrist-strap, bench mat or the Earth is disconnected whilst simultaneously checking the Earth to ground system is working correctly. Can be supplied with EU and UK adaptor.

### CM8300C/CU (Capacitive)

Works with a standard wrist-strap and cord and has a body mass adjustment for individual user set-up:

- Constant monitoring of the earth to ground connection.
- Constant monitoring of the work mat to earth connection.
- Constant monitoring of the wrist-strap connection.

### CM8300R/RU (Resistive)

Works with a dual wrist-strap and cord and automatically enters standby mode when the wrist-strap cord is removed. Indicates 'high' or 'low' fail for the user's wrist-strap. Range 750K-35M.

- Constant monitoring of the earth to ground connection.
- Constant monitoring of the work mat to earth connection.
- Constant monitoring of the wrist-strap connection.



**CM8300C** - Capacitive Monitor  
(for use on the workbench).



**CM8300R** - Resistive Monitor  
(for use on the workbench).



**CM8300CU** - Capacitive Monitor  
(for use under the workbench).



**CM8300RU** - Resistive Monitor  
(for use under the workbench).

Manufactured in the United Kingdom.





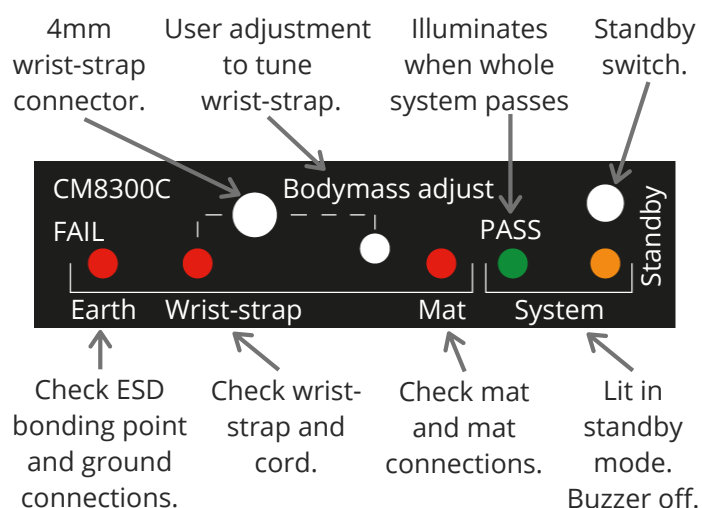
## Constant Monitor

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### Testing

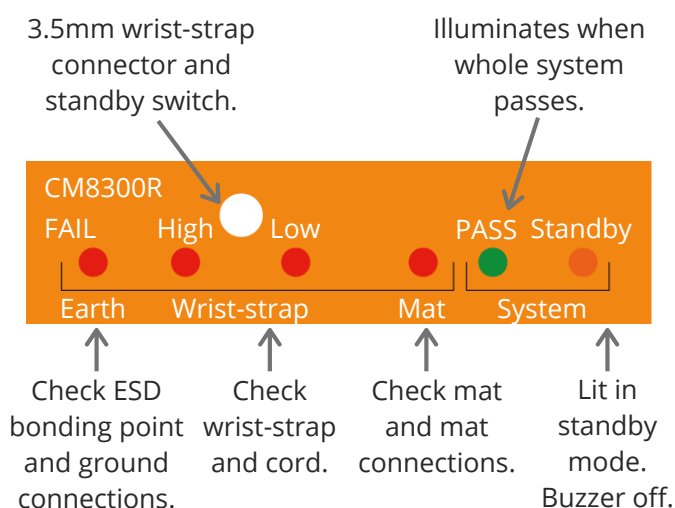
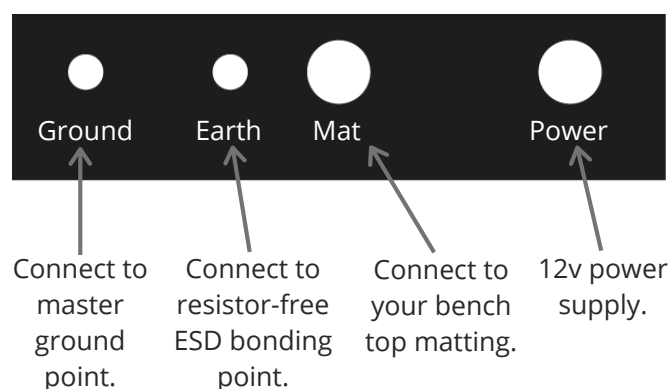
Should any part of the ESD system fail, a red LED indicator will illuminate and a buzzer will sound. That part of the system should be checked using the appropriate test equipment before continuing with manufacture.

All cords must be un-coiled for correct working order. Each unit is supplied with 1 year calibration certificate. All test instruments are manufactured to the very highest quality allowing qualification to council directives 89/336/EEC. All items are CE approved.



### Installing Your Constant Monitor

The supplied connection kit allows you multiple ways to install your constant monitor.



**Important Notice:** The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Constant Monitor, March 4th 2020.