



## Laser Particle Counter TRCL-602

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## Description

Laser Counter TRCL-602 with a six-channel control unit can be used to identify particles in rooms. A beam diode is used for illumination. The software generates data files that can be viewed or exported to an Excel spreadsheet on a computer. Having a flow rate of 28.3 L per minute. A large LCD screen display shows the working parameters and has 1000 sample data storing capacity with 35000 particles/L determination.

## Features:

- > A large LCD showing the particle count for all channels
- > Particle detection using a laser sensor
- > The illumination in the device is a laser diode
- > The counter has a storage capacity of 1000 samples of data
- > The software generates data files for viewing or exporting to an Excel spreadsheet on a computer
- > It has an in-built thermal sensitive printer for direct printing

## Specifications :

|   |  |
|---|--|
| <b>Atmosphere Pressure</b>                  | 86Kpa to 106Kpa                                    |
| <b>Calculation</b>                          | 95%UCL calculation, Display Particle Concentration |
| <b>Data Storage</b>                         | 1000 Samples (With PC Software)                    |
| <b>Environmental Temperature</b>            | 10 ?C to 35 ?C                                     |
| <b>Flow Rate</b>                            | 28.3L/min (Imported Pump)                          |
| <b>Humidity</b>                             | 20% to 75%RH                                       |
| <b>Light Source</b>                         | Laser Diode  |
| <b>Location Labels</b>                      | 0 to 999   |
| <b>Maximum Consumption</b>                  | 48 W   |
| <b>Maximum Rated Particle Concentration</b> | 35000 particles/L                                  |
| <b>Operating Time</b>                       | 3 hours  |
| <b>Power Source</b>                         | DC 16.8V (Lithium-Ion Battery)                     |
| <b>Printer</b>                              | Built-in Thermal Printer                           |
| <b>Sample Time</b>                          | 1 to 10min   |
| <b>Size Channels</b>                        | 0.3, 0.5, 1, 3, 5, 10 um                           |
| <b>Weight</b>                               | 7.5 Kg   |
| <b>Zero Count</b>                           | 10min  |



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