



## Laser Particle Counter TRCL-602

[www.axylab.com](http://www.axylab.com) | [info@axylab.com](mailto:info@axylab.com)

## Overview

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



Northeast McClain Road Bentonville AR 72712, USA  
Email: [info@axylab.com](mailto:info@axylab.com) | Website: [www.axylab.com](http://www.axylab.com)