



## Laser Counter TRCL-601

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## **Description**

Laser Counter TRCL-601 is a six-channel unit with a microprocessor controller having an inbuilt printing mechanism and a flow rate of 100 L/min. it is used to measure the volume of air inside a safe environment of tiny particles in size and number, beam particle counter using a semiconductor laser light source. A large LCD screen display shows the working parameters and has 20000 sample data storing capacity with 35000 particles/L determination.

## **Features:**

The parameters are displayed on a large LCD panel

To store data, special software can be downloaded via computer

It has six channels and a microprocessor controller

Particle detection using a laser sensor

Built-in Thermal printer

It is constructed of stainless steel

## Specifications :

<b>Data Storage</b>	20000 Samples/300Samples of UCL
<b>Display</b>	Touch screen (LCD)
<b>Flow Rate</b>	100L/min (Imported Pump)
<b>Humidity</b>	20 to 75 %RH
<b>Light Source</b>	Laser Diode
<b>Location Labels</b>	0 to 9999
<b>Maximum Consumption</b>	80 W
<b>Maximum Rated Particle Concentration</b>	35000particles/L
<b>Operating Time</b>	3 hours
<b>Outside Dimensions (W×D×H)</b>	268×192×292 mm
<b>Power Source</b>	DC16.8V(Built-in Lithium Battery)
<b>Pressure</b>	86 to 106Kpa
<b>Printer</b>	(Built-in Thermal Printer)
<b>Sample Time</b>	0 to 999999 S
<b>Size Channels</b>	0.5, 1, 3, 5, 10, 25µm
<b>Temperature</b>	10 to 35 °C
<b>Weight</b>	7.5 Kg
<b>Zero Count</b>	≤10min



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