



# **PARTICLE COUNTER**

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## PARTICLE COUNTER LPCA-100 Series

Labocon Particle Counter LPCA-100 Series is used for counting individual particles. Particles flow through a short, narrow channel while the resistance of the channel is measured. Particles block parts of the channel, as a result resistance increases while it is still in the channel.

### Features

- Statistics of particles amount, volume differential percentage and accumulated is obtained
- Volume diameter D50, D10, D90, diameter of peak value, average diameter calculated by counting the amount of particles, standard deviation, variation coefficient customized value
- Calculates volume specific surface area and weight specific surface area (customized value of D10, D90)
- Particle number distribution curve, volume distribution curve, displays the particle pulse wave
- Mixing speed automatically controlled
- Automatic switch pinhole current and matched resistance function



### Application:

Labocon Particle Counter LPCA-100 Series was originally developed to count blood cells but now it is particularly suitable to measure well proportioned and narrow distributed samples such as abrasive grits, copy powders, particles in river water etc.

### Specification:

Model	LPCA-101
Size Range ( $\mu\text{m}$ )	1-256
Counter Channels	2048x4
Overall Dimension (LxWxH)(mm)	600x380x450
Power	60 W
Power Supply	220-240V, 50-60Hz
Catalog No.	9521135123

### Accessories:

Model	Name	Catalog No.
LP-01	Power Cables	9521130123