

PARTICLE COUNTER

GT-521, Particle Counter is a hand-held, economical device that provides the user with measurement capability normally found only in larger, more expensive instruments. The user has two particle size channels, data logging and battery operation in a convenient hand-held package. Its intuitive, easy to learn menu system will have even an inexperienced user collecting meaningful data in just minutes.

A Remarkably Flexible, Reliable, Quality Driven Instrument Features :

- Sizing selection from 0.3 μ m to 5.0 μ m in 0.1 μ m increments
- Battery-operated hand-held
- Two sizing channels
- Extended data storage, 4,000 data records
- May be used in net work applications

The extended memory capacity allows the user to store multiple reading for up to one hundred independent locations for later downloading and analysis. Particles are detected according to user selected size ranges, counted and then displayed.

Possible Applications Include :

*Clean room monitoring *Industrial hygiene surveys *Filter testing *Ventilation inspections *Facility monitoring *Process measurement

Size Discrimination

Each particle is individually counted and sized, this enables the electronics to count only the particles of interest. The GT-521 has unique particle size discriminators that may be selected anywhere from 0.3 μ m to 5.0 μ m in 0.1 μ m increments.

Fast Reporting Simple, Powerful, Menu Driven

Complete control of the GT-521 is possible through a few menus-no more illogical commands to understand. Simple commands enable the user to quickly set particle size selection, sample time, alarm setting and more.

Easy Installation, Flexible Use

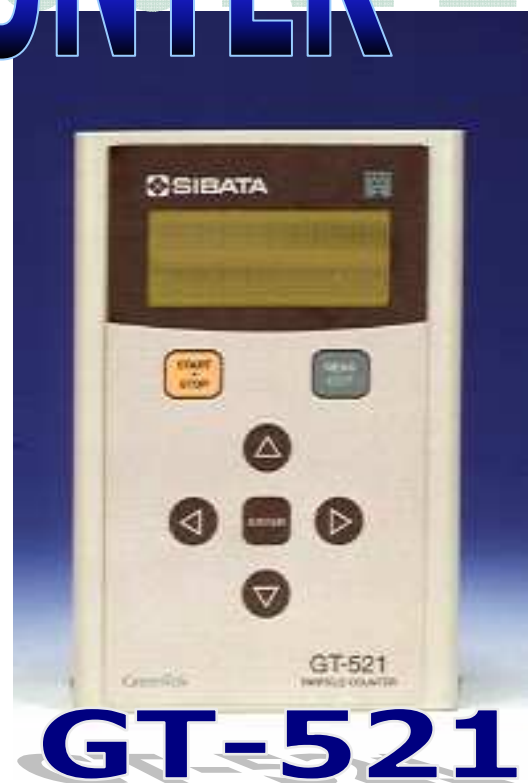
The GT-521 may be easily configured as a bench top unit, a field survey unit or a sensor for process control. Wall mounting is facilitated using the optional mounting bracket.

Supplied software allows remote operation with simulation of all standard settings. The communication port may be directly used with serial printer to print stored data or to print records as they occur.

The optional Relative Humidity/Temperature Sensor may be added at anytime, the GT-521 will automatically enable the measurements to the display screen and to the data logger.

SPECIFICATIONS

Display	16 character X 4 line LCD
Keyboard	7 key membrane type
Particle Size Range	0.3 to 5.0 μ m in 0.1 μ m steps
Concentration Range	0 – 3,000,000 particles per cubic foot
Flow Rate	0.1 cfm (2.83 lpm)
Number of Channels	2
Sample Time	Adjustable 6 to 999 seconds
Communication	Selectable RS-232c, RS-485 Printer Selectable baud rate
Operating Temperature	0 to +50 $^{\circ}$ C
Power	Self-contained battery, 6V Ni-Cd
Dimensions / Weight	105 (W) x 55 (D) x 160 (H) mm / Approx. 960g



YOTSUBISHI
CORPORATION

Toei-Mitoshiro Bldg. 3F, 7-4 Kanda Mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053, Japan
Phone: 81-3-5259-6061 Fax: 81-3-5259-6062 E-mail: sales@yotsubishi.com