

COM-3600F Air Ion Counter

The 5-hour or more use by one charge is possible.

The positive ion and the negative ion in the air are measured.

COM-3600F can measure many ion which the very small ion which exists in a nature, and an ion generator make. COM-3600F is used in the research institution, the university, the company, etc. Moreover, overseas research institution, university, and company are also used. The adopted measurement electrode can acquire the ion measurement data which was using the cylinder electrode system specified as JIS of Japan, and was stabilized.

COM-3600F has two kinds of measurement modes, and can choose the measuring method according to the purpose.

- ① Manual ion measurement mode : A positive ion and negative ion are chosen and measured.
- ② Automatic ion measurement mode : A positive ion and negative ion are changed automatically and measured.



Specification

Measuring method

Gerdien capacitor method
It is measurement specialist specification about the small ion in the air. It was based on JIS. A reliable cylinder electrode system is adopted. ※ JIS: Japanese Industrial Standards

Measurement ion

Small ion

Time base range

0 ~ 2,000,000 /cc A positive ion and negative ion are measured
Resolution 1 /cc

Measurement range

R1 : 0 ~ 8,000 /cc R2 : 0 ~ 50,000 /cc
R3 : 0 ~ 500,000 /cc R3 : 0 ~ 5,000,000 /cc

Display for indication

LCD display (16 figures, two lines) With a back light

Serial communication (RS-232C)

The output of ion data,
The input of the control code from a personal computer

Temperature and humidity

Temperature and humidity data are displayed.

Power supply

AC adaptor (AC100 V ~ 240V)
The AC/DC adaptor which can be used overseas is used.

Battery operation

4-hour charge
5-hour or more measurement is possible.

Main part

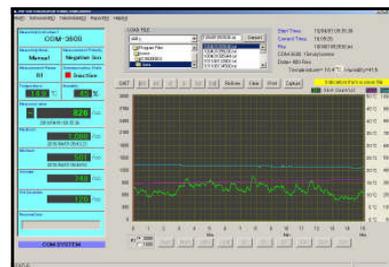
Size: 105 x 100 x 250mm (A projection is not included)
Weight: About 2.5 kg

Accessories

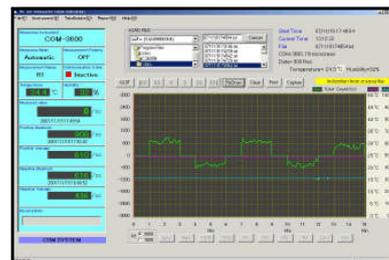
The AC/DC adaptor which can be used domestic and overseas,
PC software corresponding to a network, Operation manual,
Connecting cable, RS-232C / USB converter

Ion display / collection PC software

Manual measurement mode display



Automatic measurement mode display



- Ion, temperature, and humidity data can be downloaded to a personal computer using serial communication (RS-232C/USB, network), and display and collection can be performed.
- The report of the measured ion can be drawn up. The photograph taken with the digital camera can also be taken in.
- Ion display / collection PC software can be chosen from two kinds, a Japanese version and an English-language edition.

Option : The aluminum suitcase for measuring instruments. Measurement box (The box for measuring the material which generates ion)

Development manufacturer

COM SYSTEM, INC.

Zip:196-0003 2-3-17, Matsubara-cho, Akishima-shi, Tokyo, Japan
TEL 81-42-543-9062 FAX 81-42-543-9570
<http://www.com-system.co.jp/> E-mail:com@com-system.co.jp