

VESSEL[®]

Electrostatic Meter shows the peak values
of charged potential and ion balance



NEW

STAT·CLEAN **Eye-02**

Electrostatic Field Meter

Charged Potential Measurement - check anywhere with this handy tester

The Eye-02 is ideal measurement device of ionizer's ion balance as well as static electricity, both of which are invisible. Confirm neutralization effect with values in the static electricity control area.

■ **Red cross-mark**
Guide for 25mm measurement distance.



■ **Wide display**
The measured potential is displayed with a bar graph and values for quick confirmation!

Point Other features:

■ Battery level display

The battery level is displayed with a 4-stage indicator.



■ Over-range alarm

Beyond the measurable voltage, the display flashes and a buzzer sounds to prevent faults.

- <Measurement range>
- Charge potential: $\pm 22.0kV$
- Ion balance: $\pm 220V$

■ Safety strap

Just slip your wrist through the strap to prevent the tester from dropping.

■ Zero-adjustment button

If the level does not stabilize at 0 V, the tester can be set to zero forcibly.



■ Conductive ABS case

When holding and measuring, there's no need for a grounding cord if the operator's body is grounded.



■ Portable tester enables measurement even during system operation

Even if conductivity destabilize ion balance, it can be confirmed on the spot.



Point

1. Maximum (peak) value display

This function is efficient for measurement of the "charge of workpieces traveling at a high speed", in which the value changes rapidly, and also efficient for "continuous" measurement, in which changes are monitored over time.



Point

2. Automatic power OFF / continuous measurement

The power turns OFF in five minutes to save the battery (default). This automatic power OFF function can be disabled during "continuous" measurement.



Point

3. Backlight

Illuminate the display to see clearly even in a dark place. Hold down the power button to switch the modes (EL/A.ON).



Point

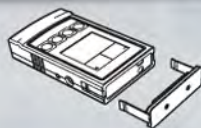
4. Mount on a tripod

The Eye-02 has screw threads for tripod on its backside, enabling operator to measure ionizer's performance in a stable environment.



Ion balance plate

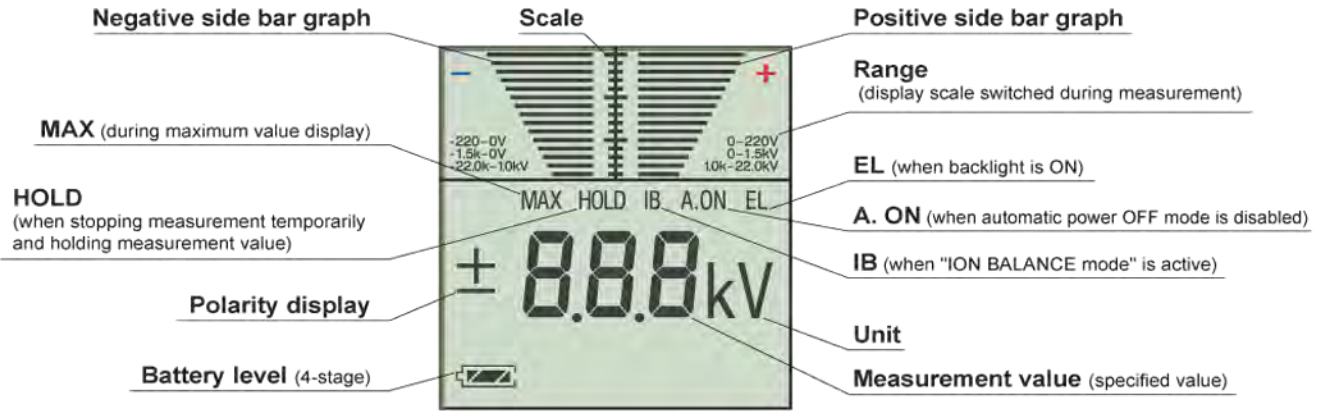
Mount the enclosed plate to measure ion balance.



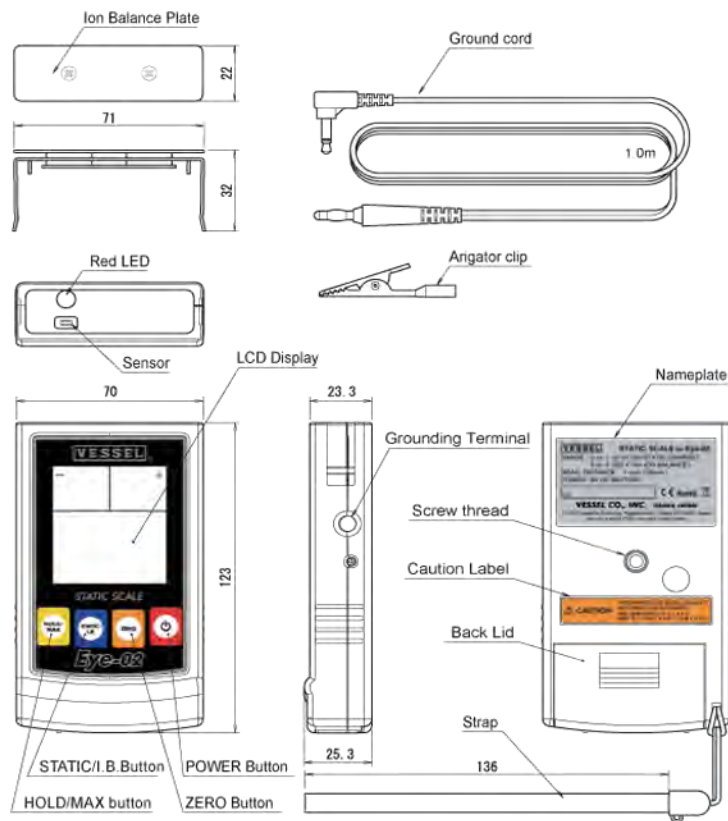
Measure the ionizer performance on a cell work bench or in-line from a fixed position.

Ion balance measurement

Product Specifications



Dimensions and part names



Specifications

Model	No.Eye-02
Display	<ul style="list-style-type: none"> Large LCD display (digital and bar graph) Digital reading: three digits. Bar graph: Positive polarity is displayed to the right, and the negative polarity to the left. Functions: MAX, HOLD, IB, A.ON or EL can be selected. Battery level: The battery level is indicated with a battery mark.
Static charge voltage measuring	<p>Measurement range : 0 to ± 22.0 kV</p> <p>Over range display : Value flashes, buzzer sounds (when exceeding ± 22.0kV)</p> <p>Digital reading : LO range 0 to ± 1.50 kV (□.□□ kV) HI range ± 1.0 to ± 22.0 kV (□□□kV)</p> <p>Bar graph display : LO range ± 0.1 kV per bar HI range ± 1.5 kV per bar</p> <p>Measuring distance : 25mm ± 0.5mm (between charged object and the Eye-02)</p>
Ion Balance voltage measuring	<p>Measurement range : 0 to ± 220 V</p> <p>Over range display : Value flashes, buzzer sounds (when exceeding ± 220V)</p> <p>Digital reading : 0 to ± 220 kV (□□□ V)</p> <p>Bar graph display : ± 15 V per bar</p>
Accuracy	$\pm 10\%$ (LCD display renewal rate: 5 times/second)
Response time	1 second or less
Auto power off	Power is turned off automatically after five minutes. Switch between on and off by pressing the power button.
Display lamp	LED white lamp to assist reading in insufficient brightness. Switch between on and off by pressing the power button.
ZERO Function	The value and bar display can be reset to 0. Hold down the ZERO button during measurement.
HOLD / MAX function	The state can be changed between "temporarily hold the measurement (HOLD)" and "hold the maximum value during measurement (MAX)" with HOLD/MAX button.
Beep sound	Beep sound will be heard during Power-on, Power-off, Over-range, etc.
Power source	9V DC (006) battery (1pce)
Maximum working time	Approx. 30 hours (using alkaline battery)
Ambient conditions	0 to 50 °C, 0 to 80 %RH (no-condensing)
Overall size	123.1 (L) \times 70 (W) \times 25.3 (H)mm; without Ion Balance plate 131 (L) \times 73 (W) \times 25.3 (H)mm; with Ion Balance plate
Weight with battery	170g; without Ion Balance plate 200g; with Ion Balance plate
Materials	Case: Conductive resin (ABS), Ion Balance Plate (SUS)
Accessories	Ion Balance Plate x 1, Ground Cord w/ alligator clip x 1, Carrying Case x 1



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For improvements, the product specifications, size, price and other information may be subject to change without prior notice.

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