

Decay Tester, Resistivity meter

H-0110-S4B

Half Decay Tester Applied for ISO 18080-1: 2015 STATIC HONESTMETER H-0110-S4B

The probe height of 15 mm conforms to JIS standard, 20mm probe height is also available upon request.



Please specify 50Hz or 60Hz. AC power for H-0110-S4B is only AC100V available. In case over AC100V use, please prepare step-down transformer.

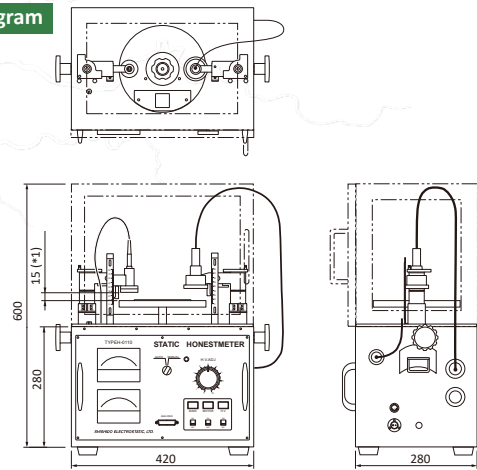
Main Features

※Safety cover is included in standard accessory.

The Static Honestmeter measures the electrostatic diffusion of material by irradiating the sample with corona discharge and measure the static decay curve after the irradiation stopped.

- Comforms with ISO 18080-1:2015 & JIS L1094:2014 testing methodology with the half-life measurement for testing the electrostatic prope of woven and knitted fabrics.
- The sample are irradiated by corona discharge ions. By selecting the polarity of the corona discharge or the applied voltage, the sample can be discharged with positive or negative ions as well as changing the voltage.
- Any sheet-like sample sygc as films, boards, threads, fabrics, carpets, glass etc, can all be measured.

Dimension Diagram



Note 1: Probe height during our calibration

Model	H-0110-S4B
Input Voltage	Only AC100V±10% (50/60Hz) *1
Capacity	100VA
High Voltage Output	H.V.(Applied Voltage for Corona Discharge) 0~10kV
Calibration Probe Height	15mm(ISO 18080-1:2015 & JIS L1094-2014 standard)
Environment	Temperature: 0 ~ 40°C, Humidity: 20 ~ 90%RH(No Condensation)
Output Signal	ANALYZER terminal for analyzer Voltage 0 ~ ±10V Accuracy: around 10%
Dimensions	420×603×280mm(W×H×D) (exclude cable and stickout parts)
Weight	Approx. 33kg
Accessory	Power Cable (1), Single Cable (1), Hexagonal Wrenches (1), 2A Fuse (3), Table for Testing

*Note 1: Please specify 50Hz or 60Hz upon purchase. It does not correspond to different standard of voltage.

HONEST DATA ANALYZING SYSTEM V3

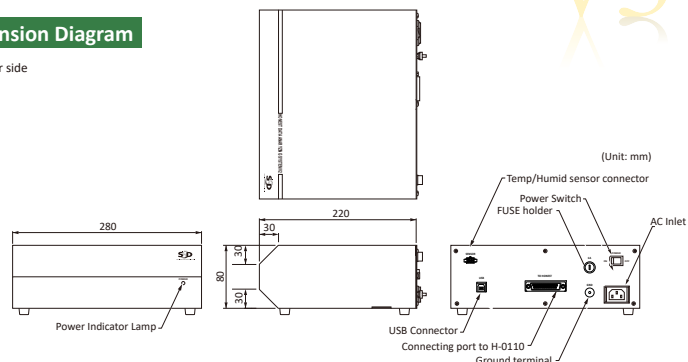
■ HONEST METER H-0110-S4B

■ HONEST DATA ANALYZING SYSTEM V3

■ PC ※prepared by customer side



Dimension Diagram



Main Features

The Honest Data Analyzing System calculates the half-life of voltage attenuation from the electrostatic decay curve received from the Honest Meter. The electrostatic attenuation of the material can be measured automatically with one touch by connecting to PC.

- Decay Time Setting(half-decay setting normally 50%): 2 ~ 100%
- Measured data can be saved into PC data.
- Temperature and moisture data can be saved automatically into file
- Flexible to adjust voltage and time axis

Model	V3
Input Voltage	AC100 ~240V±10% (50/60Hz)
Capacity	0.5VA
Dimension	280×220×80mm(W×H×D)
Weight	1kg
Interface	PC connected with USB (only 1 by 1)
Required Software	DOS/V PC with USB Interface Memory: Over 128MB, Comply with OS required capacity Available 2GB space on Hard Disc Drive(HDD) or Solid State Drive(SSD) Pixel resolution: Over 1024×768
Required OS	Windows 7 64 bit Windows 8, Windows 8.1, Windows 10 Windows 11
Accessory	Power Code(1), Honest Meter Main Unit Connecting Cable (1) USB Cable(1), Temperature/Moisture sensor (1), CD-ROM(V3 software), Stand