

Ideal for checking equipment with obstructive harmonics

HARMONIC
TRACING
DEVICE

HARMONIC HANDY SCANNER

Type

HHS-B-Y

Scan harmonics
in live lines!!

Non-contact



APPLICATIONS

Finding harmonics in high-voltage and low-voltage circuits where cables cannot be clamped and in live lines, therefore carrying out handy diagnosis that is safe and easy using non-contact scanning.

FEATURES

Lightweight and compact

- This lightweight handy type is convenient for carrying and simple to handle! (Weight: approx. 310g)

Non-contact type

- The presence or absence of harmonics can be scanned safely and accurately on high-voltage and low-voltage equipment in live lines.

Scanning of harmonic current content and total distortion factors

- The second to 40th harmonic current content and total distortion factor are calculated by 512-point fast-Fourier-transform, and are displayed and stored in memory. (Up to 40th harmonic current can be scanned in a few seconds.)

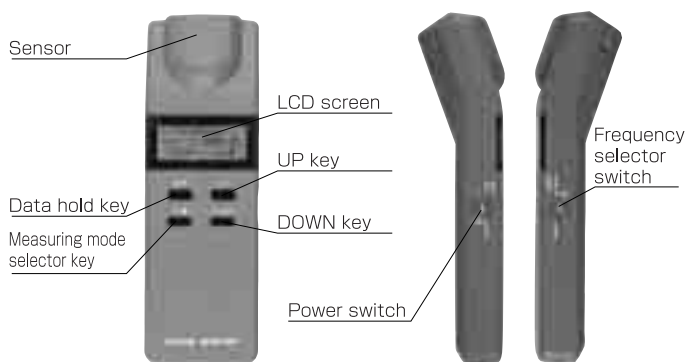
Optimal calculation of fundamentals

- Fast-Fourier-transform calculation is optimized by setting to 50 or 60Hz commercial frequency with the frequency selector switch.

SPECIFICATIONS

Measuring items	2nd to 40th harmonic current content, total distortion factor up to 40th
Accuracy	$\pm 5\%$, $\pm 2\text{dgt}$ in a single magnetic field
Measuring mode	Fully automatic or manual mode is selectable.
Dimensions(mm)	208 (H) \times 66 (W) \times 27 (D)
Weight	Approx. 310g
Power supply	AAA alkaline battery \times 3

NAMES OF PARTS



OPERATING PROCEDURE

Harmonics can be scanned from a distance, and the strength of each harmonic can be grasped.

Scan procedure for high-voltage equipment

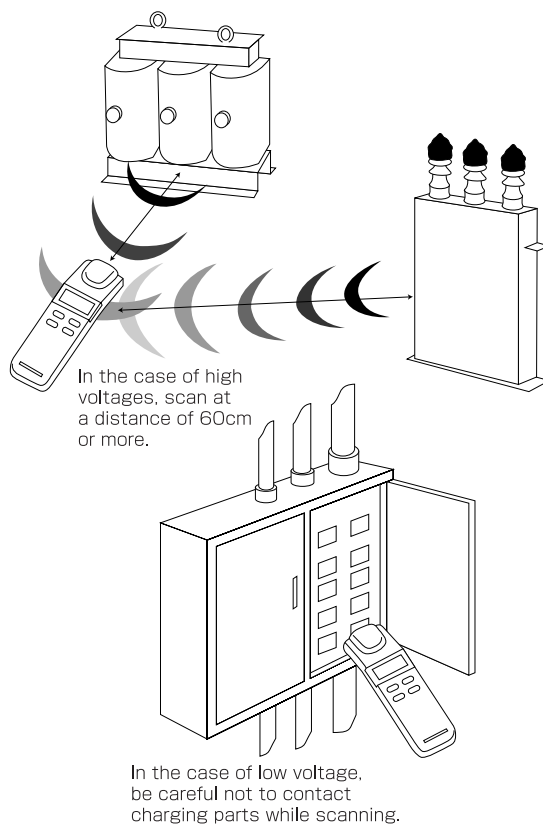
- ①Set the frequency selector switch to the commercial frequency (50 or 60Hz).
- ②Turn on the power switch.
- ③Point this device at the object to be scanned at a distance of approx. 60cm - 100cm from high-voltage charging parts.
- ④The scan is complete when "Level=HOLD" appears on the display screen of this device.
- ⑤Check the harmonic current content of each harmonic.

Scan procedure for low-voltage equipment

- ①Set the frequency selector switch to the commercial frequency (50 or 60Hz).
- ②Turn on the power switch.
- ③Bring this device as close to the center of the breaker to be scanned as possible.
- ④The scan is complete when "Level=HOLD" appears on the display screen of this device.
- ⑤Check the harmonic current content of each harmonic.

Notes

- ①When working near high-voltage live lines (less than 60cm), always wear protective gear.
- ②When the power is switched off, all scan data is erased.
- ③Be sure to use AAA alkaline batteries.



STANDARD PRICE LIST

Type	Standard price	Electrical contractors' price	Remarks	Delivery
HHS-B-Y	79,800			△