

AC MAGNETIC CHARACTERISTIC TEST SET DAC-BHW-R

DAC-BHW-R can test magnetic characteristics of toroidal core (Ring Core, Cut core) at 50 or 60Hz. Magnetic Flux Density (B) to Magnetic Force (H), and Magnetic Flux Density (B) to Watt Loss (W) can be judged by simple operation, and a curve in B-H and B-W can be observed with an external oscilloscope (option).

DAC-BHW-R is desirable for your management of quality of toroidal cores.

Composition

- AC Magnetic Characteristic Tester x 1set
- Power Amplifier 1kVA x 1set
- Testing Transformer Unit x 1 set
- Measuring cable (B+H) x 1 set ($\varphi \geq 30\text{mm}$)

Test specimen

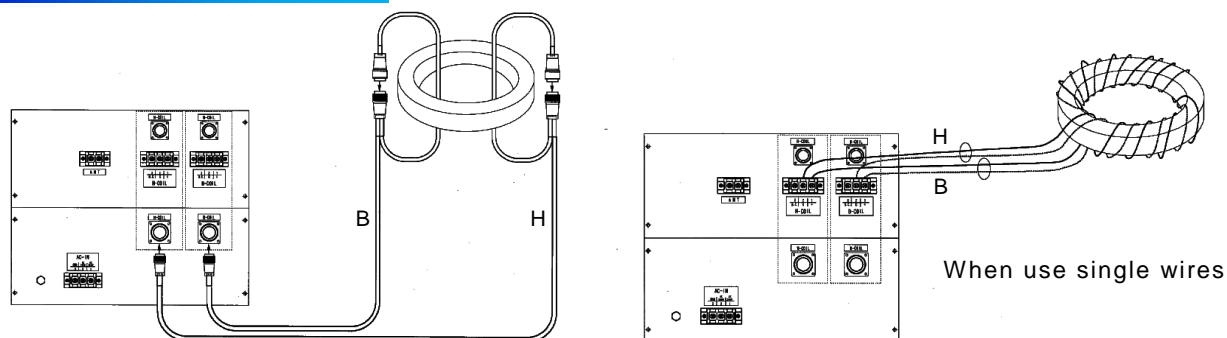
Specimen	: Ring Core, Cut Core
Size	: 30 – 1000mm (inner Meter)
Thickness	: 10 – 300mm
Cross Area	: 100 – 90000mm ²
Magnetic Pass Length	: 100 – 4000mm
Density	: 3.00 – 9.99g/cm ³

Specification

Measuring Range	
B (Magnetic Flux Density)	: 0.0005 - 2T
H (Magnetic Field Strength)	: 0.05 - 2000A/m
W (Core Loss)	: 0.0005 - 20W/kg
Measuring accuracy	: $\pm(3\% + 2 \text{ digits})$
Magnetization	: Magnetic Flux in Sine Wave
Measuring Frequency	: 50Hz/60Hz
Input Voltage	: AC220V \pm 10% 50/60Hz
Interface	: USB
Size & Weight	: W630xH1500xD810mm, Approx 100kg



Connecting Diagrams



Test Specifications other than the above are available upon inquiry.
Specifications are subject to change without prior notices for improvements.