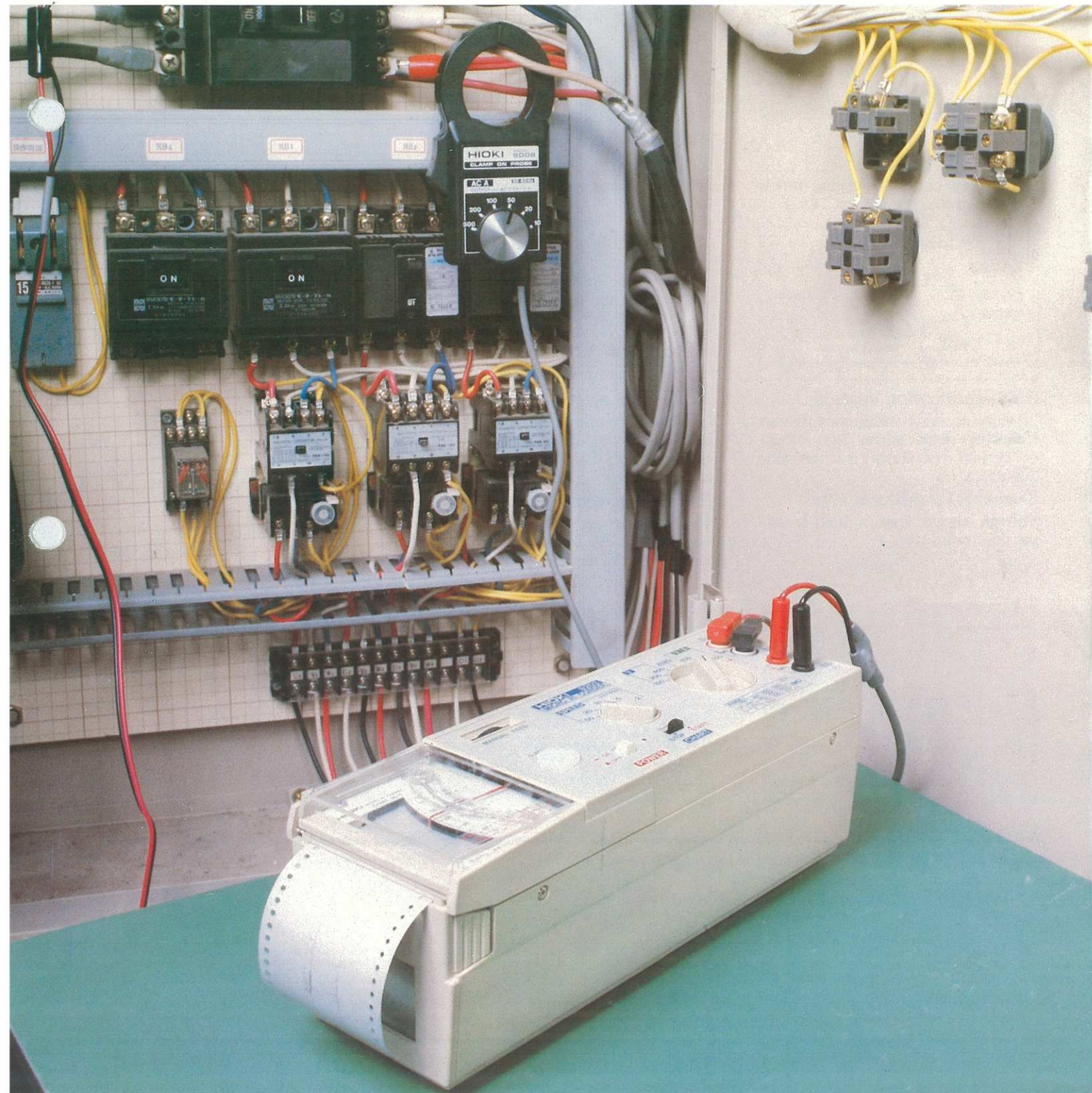


8203•8203-4 MICRO Hi CORDER

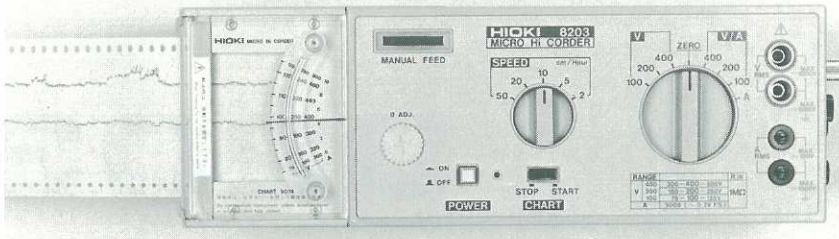
HIOKI
RECORDER

8203

AC Voltage and Current
Dual Trace Portable Recorder

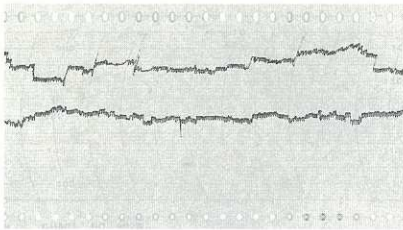


Power Line Monitoring Needs



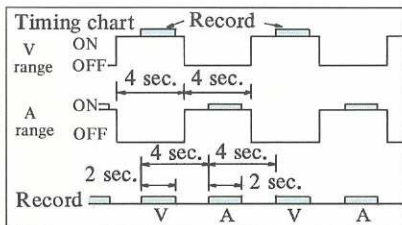
Dual trace

Voltage and current recorded on the strip of chart paper.



Time - sharing method

Voltage and current switching time is 4 sec. intervals (print every 2 sec.)



RMS rectification method

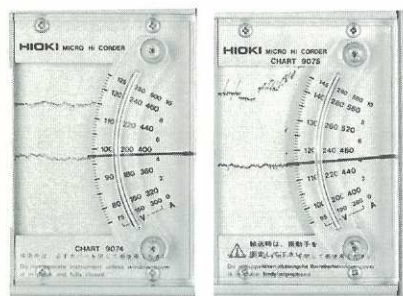
Provides accurate measurements and recordings even where the voltage or current waveform is extremely distorted.

Segmental transducer type

Voltage circuit uses a built-in expansion transducer.

8203

8203-4



Clamp-on probe type

Current circuit use a clamp-on probe.

9008 Clamp-on probe



Measuring range:
10·20·50·100·200·500A AC
Frequency: 50/60Hz
Max. input current:
1000A (AC/1 min.)
Max. input voltage:
600V AC
Max. dia. of DUT:
46mm
152H x 80W x 33Dmm
Approx. 400g

Multi-speed

Chart paper feed speed is adjustable in five steps.

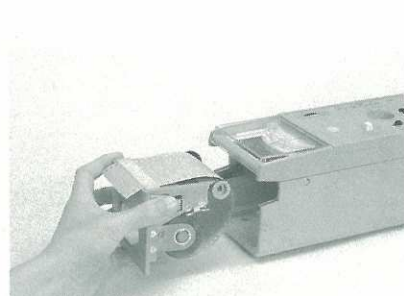
Speed	Operating Time (approx.)
50 cm/hr.	1 day
20 cm/hr.	3 days
10 cm/hr.	6 days
5 cm/hr.	12 days
2 cm/hr.	31 days

AC or battery operated

In addition to normal AC line voltage operation, the 8203 may also be operated from DC 12V external battery source.

Cartridge loaded

The chart paper comes in a convenient cartridge, making chart paper changes quick, simple, and sure.



General specifications

Recording width: 50mm rectilinear

Operating system:

Direct-writing dot recording

Recording system:

Electric discharge recording

Chart paper: 70mm x 15m rolled

Chart drive: Pulse motor

Chart speed: 50·20·10·5·2 cm/hour

Chart speed accuracy: ±1%

Zero setting: Setting possible anywhere across entire recording width

Pen damping: 70% at 1 Hz

Operating temperature: 0°C ~ 45°C

Max. input voltage:

Voltage terminal 1000V (AC) for 1 min.

Current terminal 100V (AC) for 1 min.

Max. common mode voltage:

1000V DC or peak AC

Power supply: 110 ~ 120V·210 ~ 230V·230 ~ 250V AC available, 50/60 Hz (10VA) or 12V DC (approx. 7W)

Dimensions:

94H x 96W x 280L mm

Weight: Approx. 1.7 kg

Specifications

	8203	8203-4
AC voltage	segmental 100V (75~125V) 200V (150~250V) 400V (300~500V)	segmental 120V (95~145V) 240V (190~290V) 480V (380~580V)
AC current	10·20·50·100·200·500A (using 9008 clamp-on probe)	
Accuracy	V ±2% f.s., A ±3% f.s.	
Input switching interval	Voltage-Current function (V/A): V/A cycle 4 sec. (print every 2 sec.) Voltage function (V): Continuous Current function (A): Continuous	
Rectifiers	RMS	
Chart paper	9074	9075
Accessories	9008 Clamp-on probe 9074 (9075) Chart paper 9086 Carrying case 9096 Input cord Spare fuse	1 ea. 1 roll 1 ea. 1 ea. 2 ea.

Please indicate the No. when ordering

8203-00 AC power supply

-01 Both AC·DC power supply

-40 AC power supply

-41 Both AC·DC Power supply

Chart paper

9074 (for 8203) 1 Pack 10 rolls

9075 (for 8203-4)

Standard packing (double carton box)	Sets	N.W.	G.W.	cft
	4	12kg	14kg	3.3

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All specifications are subject to change without notice.

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