

# DIGITAL CLAMP MONITOR

## AC CURRENT/LEAKAGE

### Model MCM-400

**Max Hold Function**  
**Memory Function 40mm $\phi$  CT**



(DPU-201G Printer)

(MCM-400)

#### (Printing Format)

```

***** MONITOR LIST *****
START DAY 08-27 13:03
STOP DAY 08-27 17:02
LEVEL 1.000 A
RATIO 0001
COUNT 018
DATA 01 START 08-27 17:02
      STOP 08-27 17:02
      AVG 1.875 A
      MAX 3.009 A
DATA 02 START 08-27 16:55
      STOP 08-27 17:01
      AVG 1.963 A
      MAX 2.000 A
DATA 03 START 08-27 16:33
      STOP 08-27 16:50
      AVG 2.453 A
      MAX 3.302 A
DATA 04 START 08-27 16:31
      STOP 08-27 16:33
      AVG 2.246 A
      MAX 2.299 A
DATA 05 START 08-27 16:10
      STOP 08-27 16:16
      AVG 2.250 A
      MAX 2.299 A
DATA 06 START 08-27 16:08
      STOP 08-27 16:08
      AVG 1.055 A
      MAX 1.297 A
DATA 07 START 08-27 15:53
      STOP 08-27 15:56
      AVG 1.278 A
      MAX 1.299 A
DATA 08 START 08-27 15:49
      STOP 08-27 15:49
      AVG 1.241 A
      MAX 1.937 A
DATA 09 START 08-27 15:45
      STOP 08-27 15:47
      AVG 3.269 A
      MAX 3.424 A
DATA 10 START 08-27 15:29
      STOP 08-27 15:42
      AVG 1.231 A
      MAX 2.219 A
DATA 11 START 08-27 15:26
      STOP 08-27 15:26
      AVG 1.178 A
      MAX 1.454 A
DATA 12 START 08-27 15:10
      STOP 08-27 15:20
      AVG 2.477 A
      MAX 2.524 A
DATA 13 START 08-27 14:58
      STOP 08-27 14:58
      AVG 1.211 A
      MAX 1.514 A
***** E N D *****
CURRENT MONITOR
    
```

#### FEATURES

- Monitoring for maximum current.
- Monitoring for leakage current.
- AC current/ leakage clamp-on tester.

#### SUPER FUNCTIONS

- 13 data can be stored and displayed.
- The memory is backed up 5 days.
- The measuring range is extendable by using LAD-800 clamp-on adaptor.
- The number of acquisition is displayed up to 255.

This intelligent clamp-on monitor was designed to measure and monitor the maximum current of the circuit.

Also, it is useful to measure and monitor the leakage current of the circuit.

When the measured current exceeded the setting value, the data of "Memory start Time", "Memory stop Time", "Acquired Average Current" and "Acquired Maximum Current" are stored into the memory and displayed.

The memorized data can be printed out in connection with optionally available DPU-201G printer.

#### (Example of Display)



Leakage current

Time setting

Memory start time

Memory stop time

Average value

Max value

## DIGITAL CLAMP MONITOR / Model MCM-400

### AC CURRENT/LEAKAGE

#### SPECIFICATIONS

Memory	13 data(Refer to printing format)	
Memory back up	Approx. 5 days	
Interface for printer	Centronics system	
Clock	Quartz	
Accuracy of clock	±60 sec./month (23°C ±5°C)	
Measuring method	Dual integration mode	
Display	3 ¾ digit LCD	
<b>Accuracy</b>	(23°C ±5°C, 80% RH or less)	
Range	Resolution	Accuracy
40mA	0.01mA	±1.0% rdg ±5 dgt (50/60Hz)
400mA	0.1mA	
4A	1mA	
40A	0.01A	
400A	0.1A	±1.0% rdg ±2% of F.S.
A/D conversion	Average reading	
Jaw opening capability	40mmφ	
Maximum indication	4000	
Overload indication	"OL" mark on LCD readout	

Low battery indication	"B" mark on LCD readout
Data hold indication	"DATA" mark on LCD readout
Max.hold indication	"MAX" mark on LCD readout
Affection of magnetic field	3mA or less (At 100A near by conductor)
Sampling	20 times/s
Limitation of circuit voltage	Less than AC 600V
Operating temperature	0°C to 40°C, <70% RH
Storage temperature	-10°C to 60°C, <70% RH
Power supply	6LR61 or AC adaptor
Withstanding voltage	AC2200V, 1minute
Size	69(W)×207(H)×33(D)mm
Weight	Approx.430g
Accessories	Carrying case..... 1 Instruction manual ..... 1
Optional accessory	AC adaptor (DC 9V)

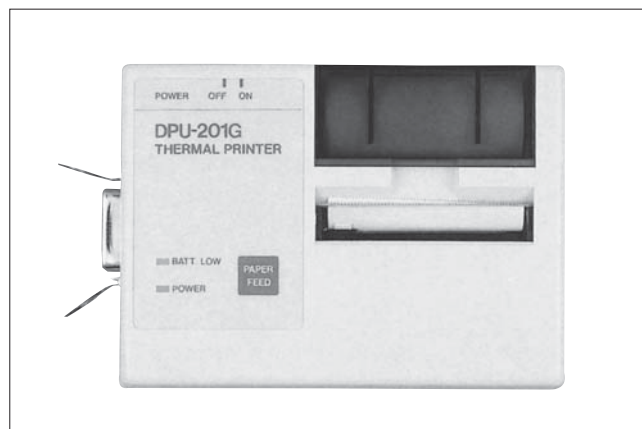
## THERMAL PRINTER

### APPLICABLE for MCM-400

### Model DPU-201G

#### FEATURES

- Rechargeable Ni-Cad batteries are used.
- Centronics system is used for data input.
- Convenient compact size.



#### SPECIFICATIONS

Printing column	27
Printing method	Thermal dot matrix
Data input	Centronics system
Charactor configuration	7×5 dot matrix
Printing width	46mm
Ptinting speed	0.8 line/ sec.
Printing paper	58mm (W)
Charactor size	2.4mm(H)×1.3mm(W)
Number of dot	8(H)×166(W)/ line
Power supply	4.8V (Ni-Cad batteries, 500m AH)
Size	135(W)×100(D)×35(H)mm
Weight	Approx. 400g
Accessories	Communication cable..... 1 AC adaptor ..... 1 Instruction manual..... 1