

# DIGITAL CLAMP TESTER

## AC CURRENT/LEAKAGE

### Model **MCL-800D**

200mA~1000A 5ranges  
80mmφ CT



#### FEATURES

- 80mmφCT window.
- DC mV analog data output for recorder.
- The least affection from external magnetic field.
- Continuous long time measurement and useful data hold function.

#### SPECIFICATIONS

|                               |   |                              |
|-------------------------------|---|------------------------------|
| Measuring method              | Dual integration mode   |                              |
| Display                       | 3.5 digit LCD   |                              |
| Accuracy                      | (23°C±5°C, 80% RH or less)  |                              |
| Range                         | Resolution  | Accuracy                     |
| 200mA                         | 0.1mA   | ±2.0% rdg ±5dgt<br>(50/60Hz) |
| 2A                            | 1mA   |                              |
| 20A                           | 10mA  |                              |
| 200A                          | 0.1A  |                              |
| 1000A                         | 1A  |                              |
| Jaw opening capability        | 80mmφ   |                              |
| Overload indication           | Blanking of all digits except MSD1  |                              |
| Maximum indication            | 1999  |                              |
| Low battery indication        | "B" mark on LCD readout   |                              |
| Sampling                      | 2 times/s   |                              |
| Data hold indication          | "D·H" mark on LCD readout   |                              |
| Data output                   | DC 100mV (Full count)   |                              |
| Withstanding voltage          | AC2000V   |                              |
| Limitation of circuit voltage | Less than AC 600V   |                              |
| Operating temperature         | 0°C to 40°C, <80% RH  |                              |
| Storage temperature           | -10°C to 60°C, <70% RH  |                              |
| Power supply                  | UM-4 (1.5V)×2   |                              |
| Power consumption             | 3mW   |                              |
| Battery life                  | 350hours (By alkaline batteries)  |                              |
| Size                          | 138(W)×225(H)×37(D)mm   |                              |
| Weight                        | Approx. 500g  |                              |
| Accessories                   | Carrying case .....1<br>Instruction manual .....1<br>Batteries(UM-4) .....2 |                              |

### Model **M-1800**

20A/2000A/1800A/ 5ranges  
80mmφ CT



#### FEATURES

- 80mmφCT window and continuous long time measurement.
- DC mV analog data output for recorder.

#### SPECIFICATIONS

|                               |   |                              |
|-------------------------------|---|------------------------------|
| Measuring method              | Dual integration mode   |                              |
| Display                       | 3.5 digit LCD   |                              |
| Accuracy                      | (23°C±5°C, 80% RH or less)  |                              |
| Range                         | Resolution  | Accuracy                     |
| 20A                           | 10mA  | ±3.0% rdg ±3dgt<br>(50/60Hz) |
| 200A                          | 0.1A  |                              |
| 1800A                         | 1A  |                              |
|                               |   |                              |
| Jaw opening capability        | 80mmφ   |                              |
| Overload indication           | Blanking of all digits except MSD1  |                              |
| Maximum indication            | 1999  |                              |
| Low battery indication        | "B" mark on LCD readout   |                              |
| Sampling                      | 2 times/s   |                              |
| Data hold indication          | "D·H" mark on LCD readout   |                              |
| Data output                   | DC 100mV (Full count)   |                              |
| Withstanding voltage          | AC2000V   |                              |
| Limitation of circuit voltage | Less than AC 600V   |                              |
| Operating temperature         | 0°C to 40°C, <80% RH  |                              |
| Storage temperature           | -10°C to 60°C, <70% RH  |                              |
| Power supply                  | UM-4(1.5V)×2  |                              |
| Power consumption             | 3mW   |                              |
| Battery life                  | 350hours (By alkaline batteries)  |                              |
| Size                          | 138(W)×225(H)×37(D)mm   |                              |
| Weight                        | Approx. 500g  |                              |
| Accessories                   | Carrying case .....1<br>Instruction manual .....1<br>Batteries(UM-4) .....2 |                              |