

# Hand-held pH · mV · Temp Meter

## Features

- Microprocessor based with splash proof housing. Rubber protective holster with magnetic.
- Simultaneous display pH and Temperature
- Simple to calibrate by one keyboard for 3 points buffer. Calibration value can be adjusted as needed.
- Compensation by ATC or MTC. Indicate percentage of slope(PTS) after calibration.
- Low battery and consumption indicator. Auto shut off after 10 minutes of non use.

## Specifications

| MP-103       |                      |                                                       |              |
|--------------|----------------------|-------------------------------------------------------|--------------|
|              | pH                   | mV                                                    | Temp.        |
| Range        | -2.00~16.00 pH       | -1999 ~ -200 mV<br>-199.9 ~ 499.9 mV<br>500 ~ 2000 mV | 0~110 °C     |
| Accuracy     | ±0.01+1 digit        | ±2+1 digit                                            | ±0.2+1 digit |
| Resolution   | 0.01 pH              | 0.1/1 mV                                              | 0.1°C        |
| Compensation | ATC: 0~100 °C        | N/A                                                   |              |
| Calibration  | pH 4.00, 7.00, 10.01 |                                                       |              |
| Battery      | 9V                   |                                                       |              |
| Dimensions   | 108 x 75 x 30 mm     |                                                       |              |
| Weight       | 135 g (with battery) |                                                       |              |



MP-103

## Standard Accessories

- pH electrode
- Temp. probe
- Buffer solution 4 & 7
- 9V Battery
- Instruction manual
- Gift box
- Optional: ORP electrode



# Hand-held Conductivity · TDS · Salt · Temp Meter

## Features

- Microprocessor based designed.
- Large displays reading and Temperature simultaneously.
- Splash proof housing and rubber protective holster.
- Automatic Temperature Compensation(ATC) or Manual Temperature Compensation(MTC)
- Simple to calibrate by one keyboard for 5 points standard solutions.
- Auto shut off after 10 minutes of non use.

## Specifications

| CD-104       |                                                                        |                                                                  |                                                               |          |
|--------------|------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------|----------|
|              | Cond.                                                                  | TDS                                                              | Salt                                                          | Temp.    |
| Range        | 0.0~ 199.9 µS<br>200~ 1999 µS<br>2.00~ 19.99 mS<br>20.0~ 100.0 mS@25°C | 0.0~131.9 ppm<br>132~1319 ppm<br>1.32~13.19 ppt<br>13.2~66.7 ppt | 0.0~99.9 ppm<br>100~999 ppm<br>1.00~9.99 ppt<br>10.0~50.0 ppt | 0~110 °C |
| Accuracy     | ±2% FS                                                                 |                                                                  |                                                               |          |
| Resolution   | 0.1/1µS/0.01/0.1 mS                                                    | 0.1/1ppm/0.01/0.1 ppt                                            | 0.1/1ppm/0.01/0.1 ppt                                         | 0.1°C    |
| Compensation | ATC 0-50°C                                                             |                                                                  |                                                               |          |
| Power        | 9V or AC adaptor                                                       |                                                                  |                                                               |          |
| Dimension    | 108 x 75 x 30 mm                                                       |                                                                  |                                                               |          |
| Weight       | 135 g (with battery)                                                   |                                                                  |                                                               |          |



CD-104

## Standard Accessories

- Conductivity cell
- Temperature probe
- 1413uS solution x 50ml
- 12880 uS x 50ml
- 9V battery

