

## pH VERSUS TEMPERATURE CHART

| TEMP |     | pH VALUES |        |        |
|------|-----|-----------|--------|--------|
| °C   | °F  | MA9004    | MA9007 | MA9010 |
| 0    | 32  | 4.01      | 7.13   | 10.32  |
| 5    | 41  | 4.00      | 7.10   | 10.24  |
| 10   | 50  | 4.00      | 7.07   | 10.18  |
| 15   | 59  | 4.00      | 7.04   | 10.12  |
| 20   | 68  | 4.00      | 7.03   | 10.06  |
| 25   | 77  | 4.01      | 7.01   | 10.01  |
| 30   | 86  | 4.02      | 7.00   | 9.96   |
| 35   | 95  | 4.03      | 6.99   | 9.92   |
| 40   | 104 | 4.04      | 6.98   | 9.85   |
| 45   | 113 | 4.05      | 6.98   | 9.85   |
| 50   | 122 | 4.06      | 6.98   | 9.82   |
| 55   | 131 | 4.07      | 6.98   | 9.79   |
| 60   | 140 | 4.09      | 6.98   | 9.77   |
| 65   | 149 | 4.11      | 6.99   | 9.76   |
| 70   | 158 | 4.12      | 6.99   | 9.75   |

## OPTIONAL ACCESSORIES

- M10007B** pH7.01 buffer solution, 25x20 mL sachet
- M10004B** pH4.01 buffer solution, 25x20 mL sachet
- M10010B** pH10.01 buffer solution, 25x20 mL sachet
- M10031B** 1413 µS/cm calibration solution, 25x20 mL sachet
- M10032B** 1382 ppm calibration solution, 25x20 mL sachet
- M10442B** 1500 ppm calibration solution, 25x20 mL sachet
- MA9015** Electrode storage solution, 220 mL bottle
- SE-600** pH/EC/TDS spare probe with 1m cable

## SPECIFICATIONS:

|                  |                                           |
|------------------|-------------------------------------------|
| RANGE            | 0.0 to 14.0 pH (MW801)                    |
|                  | 0.00 to 14.00 pH (MW802)                  |
|                  | 0 to 1990 ppm; 0 to 1990 µS/cm (MW801)    |
|                  | 0 to 4000 ppm; 0.00 to 6.00 mS/cm (MW802) |
| RESOLUTION       | 0.1 pH (MW801)                            |
|                  | 0.10 pH (MW802)                           |
|                  | 10 ppm (MW801/MW802)                      |
|                  | 10 µS/cm (MW801)                          |
|                  | 0.01 mS/cm (MW802)                        |
| ACCURACY (@25°C) | ±0.2 pH (MW801)                           |
|                  | ±0.20 (MW802)                             |
|                  | 2% FS (EC/TDS) (MW801, MW802)             |
| TDS FACTOR       | 0.5 (MW801)                               |
|                  | 0.68 (MW802)                              |

|                          |                          |
|--------------------------|--------------------------|
| TEMPERATURE COMPENSATION | Automatic, 0 to 50°C     |
| CALIBRATION              | Manual, 1-point          |
| PROBE                    | SE-600 combination probe |
| ENVIRONMENT              | 0 to 50°C; 95% RH max.   |
| BATTERY TYPE             | 1 x 9V                   |
| BATTERY LIFE             | approx. 150 hours of use |
| DIMENSIONS               | 143 x 80 x 32 mm         |
| WEIGHT                   | 220 g (with battery)     |

## CERTIFICATION

Milwaukee Instruments conform to the CE European Directives.

**Disposal of Electrical & Electronic Equipment.**

Do not treat this product as household waste. Hand it over to the appropriate collection point for the recycling of electrical and electronic equipment.

**Disposal of waste batteries.** This product contains batteries. Do not dispose of them with other household waste. Hand them over to the appropriate collection point for recycling.

Please note: proper product and battery disposal prevents potential negative consequences for human health and the environment. For detailed information, contact your local household waste disposal service or go to [www.milwaukeeinstruments.com](http://www.milwaukeeinstruments.com) (USA & CAN) or [www.milwaukeeinst.com](http://www.milwaukeeinst.com).



RoHS  
compliant



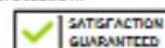
## RECOMMENDATION

Before using this product, make sure it is entirely suitable for your specific application and for the environment in which it is used. Any modification introduced by the user to the supplied equipment may compromise the meter's performance. For your and the meter's safety do not use or store the meter in hazardous environment. To avoid damage or burn, do not perform any measurement in microwave ovens.

## WARRANTY

These instruments are warranted against defects in materials and manufacturing for a period of 2 years from the date of purchase. This warranty is limited to repair or free of charge replacement if the instrument cannot be repaired. Damage due to accidents, misuse, tampering or lack of prescribed maintenance is not covered by warranty. If service is required, contact your local Milwaukee Instruments Technical Service. If the repair is not covered by the warranty, you will be notified of the charges incurred. When shipping any meter, make sure it is properly packaged for complete protection.

ISTMW802 07/20



## USER MANUAL

## MW801, MW802 PRO pH/EC/TDS Portable Meters



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