



## pH Meter 5 point + ION Meter

Microprocessor based



### **4 in 1 Unique Machine:**

- pH ( 5 point CAL)
- ION
- ORP (mV)
- Temperature(°C)

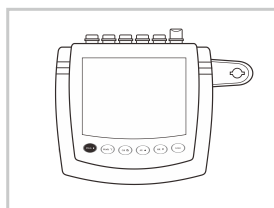
### **MODEL: KWPH-500**

t'WPH-500 is a high accuracy machine used for measuring ION concentration, ORP, pH & Temperature.

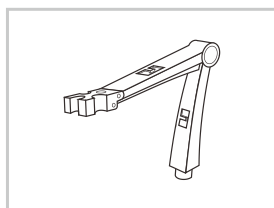
#### SALIENT FEATURES:

- During the pH mode, up to 5 point auto calibration with push-button calibration
- Selectable pH Standard & Temp. units
- Automatically calculates & displays electrode slope
- In ION mode, 2 to 5 point calibration from low to high concentrations
- Direct ION readout
- Automatic Temperature Compensation(ATC) ensures high accuracy
- Automatic endpoint function freezes the measured value for easy reading and recording the data
- Calibration due reminder prompts to calibrate the meter regularly
- Setup menu lets user customize buffer standards, calibration points, stability conditions, resolution, measurement units, date & time
- Reset function can resume all settings to factory default values
- Built-in real time clock stamps stored data to meet GLP standards
- Exanded memory stores & recalls upto 500 readings

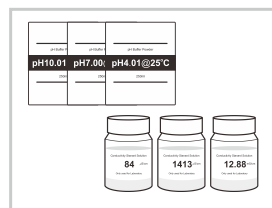
| Model      |                               | KWPH-500                                                      |
|------------|-------------------------------|---------------------------------------------------------------|
| Make       |                               | KLABS                                                         |
| pH         | pH range                      | -2.000~20.000 pH                                              |
|            | Resolution                    | 0.001,0.01,0.01pH, Selectable                                 |
|            | Accuracy & Calibration Points | ±0.002 pH & up to 5 points                                    |
|            | pH buffer Option              | USA,(pH 1.68, 4.01, 7.00 , 10.01, 12.45)                      |
|            |                               | NIST (pH 1.68/4.01/6.86/9.18/12.45)                           |
| ION        |                               | DIN (pH 1.09, 4.65, 6.79, 9.23, 12.75) or user defined        |
|            | ION Concentration Range       | 0.001~19999 ppm, mol/L (selectable depending on range of ISE) |
|            | ION Concentration Accuracy    | ±0.5% F.S (monovalent), ±1% F.S (divalent)                    |
|            | ION Resolution                | 0.001, 0.01, 0.1, 1                                           |
|            | Calibration Points            | up to 5 points                                                |
| mV/ORP     | ORP (mV) Range/Calibration    | 0~±1999.9 mV/ 1 point                                         |
|            | Resolution & Accuracy         | 0.1,/1mV Selectable & ±0.2 mV                                 |
|            | Measuring Mode                | Absolute mV or Relative mV                                    |
| Temp.      | Temp. Range & Resolution      | ATC 0~105 °C, /32~212°F & 0.1 °C                              |
|            | Temp. Accuracy                | ± 0.5 °C, ±0.9 °F                                             |
|            | Memory                        | 500 data sets with date & time                                |
|            | Stability Condition           | Low or High, selectable                                       |
|            | Calibration Reminder          | 1 to 31 days or OFF                                           |
|            | Power Source                  | DC 5V adapter, AC 220V                                        |
| Dimensions |                               | 210 x 188 x 60 mm & 1.2kg                                     |



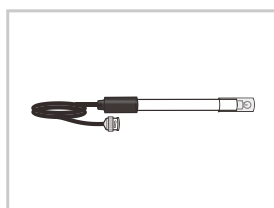
Main Instrument



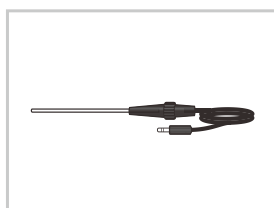
Electrode Holder Stand



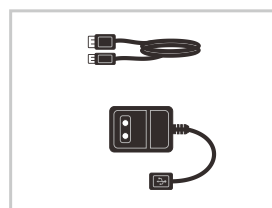
Standard Buffers



pH Electrode



Temperature Probe



Power Adapter & USB Cable

## STANDARD ACCESSORIES:

- pH Electrode
- Temp. Probe
- pH Buffer
- Electrode Stand
- Adapter
- Instruction Manual