



DE-35(set)

### FEATURES:

- Patent Design – Multiple Countries
- Measurement Innovation of Clamp Meter
- Wireless Transmission of Data – Distance 300 feet (100M) at Open Space.
- Safety & Convenience & Reduce Labor Cost
- Simultaneous MAX/MIN Hold with Real Time
- Data Hold, Max Hold
- 24 hours clock
- Audible Alarm Function Set at Hi or Lo (voltage or current)
- Maximum 6 Channels (1 receiver works with 6 transmitters / clamp meter)
- Variable Built-in Transmission Interval
- Clamp Meter Operation Individually without Transmission.
- USB Interface & Software (Optional)

### SPECIFICATION:

#### DE-35T (Transmitter)

- Clamp Size:  $\varnothing$ 30mm or 10x35mm
- Auto Range
- MAX 600A/600V
- Relative Measurement
- Data Hold
- Sampling Rate: 3 times or 1 time per sec.
- Transmission Time Span: 2, 10, 30, 60 & 120 sec. by user's option

#### DE-35R (Receiver – Main Station)

- Simultaneous MIN / MAX Hold with Real Time
- Max Hold
- Data Hold
- Audible Alarm Set for Over Range at Hi or Lo (voltage or current)
- Manual Search for Signal
- 24 Hours Clock.
- Works with DE-35T x 6 units max.
- USB Interface (model#DE-35U)

### DIMENSION

DE-35R: 179 (L) x 72 (W) x 32 (H)mm  
 DE-35T: 220(L) x 64 (W) x 35 (H)mm

### TEMP. / HUMIDITY:

- Operation: 0°C~ 50°C (32°F~122°F)  
 Below 80% R.H. (no condensation)
- Storage: -10°C~ 60°C (-14°F~140°F)  
 Below 80% R.H. (no condensation)

### ACCESSORIES:

- Battery 1.5V (AA) ..... 4
- Test Lead (red+black) ..... 1
- Operation Manual ..... 1

### Additional Accessories for with USB Function –

- USB Cable ..... 1
- CD Rom (software) ..... 1

### MEASUREMENT RANGES: (23°C ± 5°C, 80% R.H. MAX.)

| Measurement               | Range          | Resolution      | Accuracy   | Input Resistance  | Maximum Input Current |
|---------------------------|----------------|-----------------|--|---|-----------------------|
| $\tilde{A}$ (ACA)         | 400A           | 0.1A            | $\pm(1.8\% + 10)$  | Approx. $\geq 100M \Omega$  | 600A                  |
|                           | 600A           | 1A              | $\pm(1\% + 5)$   |   |                       |
| $\underline{A}$ (DCA)     | 400A           | 0.1A            | $\pm(1.8\% + 10)$  | Approx. $\geq 10M \Omega$   | 600A                  |
|                           | 600A           | 1A              | $\pm(1\% + 5)$   |   |                       |
| $\underline{V}$ (DCV)     | 400mV          | 0.1mV           | $+(0.75\% + 3)$  | Approx. $\geq 10M \Omega$   | 600V                  |
|                           | 4V             | 0.001V          | $\pm(1\% + 3)$   |   |                       |
|                           | 40V            | 0.01V           |  |   |                       |
|                           | 400V           | 0.1V            |  |   |                       |
|                           | 600V           | 1V              |  |   |                       |
| $\underline{V}$ (ACV)     | 4V             | 0.001V          | $\pm(1.5\% + 10)$  | Approx. 11M $\Omega$  | 600V rms              |
|                           | 40V            | 0.01V           |  |   |                       |
|                           | 400V           | 0.1V            | $\pm(1.5\% + 5)$   | Approx. 10M $\Omega$  |                       |
|                           | 600V           | 1V              |  |   |                       |
|                           |                |                 |  |   |                       |
| $\Omega$                  | 400 $\Omega$   | 0.1 $\Omega$    | $\pm(1\% + 5)$   | • Open Circuit Voltage: approx. 0.4V<br>• The measuring current changes in accordance with the resistance measured. | 600V                  |
|                           | 4k $\Omega$    | 0.001k $\Omega$ |  |   |                       |
|                           | 40k $\Omega$   | 0.01k $\Omega$  |  |   |                       |
|                           | 400k $\Omega$  | 0.1k $\Omega$   |  |   |                       |
|                           | 4M $\Omega$    | 0.001M $\Omega$ | $\pm(3\% + 5)$   |   |                       |
| 40M $\Omega$              | 0.01M $\Omega$ | $\pm(5\% + 5)$  |  |   |                       |
| $\bullet\bullet$ (BUZZER) | 400 $\Omega$   | 0.1 $\Omega$    | The buzzer turns on for resistances below approx. 100 $\Omega$ . |   | 600V                  |
| $\rightarrow$ (DIODE)     | 1.000V         | 0.001V          | $\pm(10\% + 5)$  | • Open Circuit Voltage: approx. 1.5V  | 600V                  |
| Hz                        | 5.000Hz        | 0.001Hz         | $\pm(0.7\% + 5)$   | • Accuracy in the case of sine wave.<br>• 5.000Hz~100kHz: typical above 5Vrms                                       | 600V                  |
|                           | 50.00Hz        | 0.01Hz          |  |   |                       |
|                           | 500.0Hz        | 0.1Hz           |  |   |                       |
|                           | 5.000kHz       | 0.001kHz        |  |   |                       |
|                           | 50.00kHz       | 0.01kHz         |  |   |                       |
|                           | 100.0kHz       | 0.1kHz          |  |   |                       |

★ The listed accuracy is changed with additional 0.1 x specified accuracy per 1 °C change when the environmental temperature is <18°C or >28°C.