

DER EE® Wireless Clamp Meter

AC/DC Digital Clamp Meter

DE-35

DE-35U (USB Interface)



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(Transmitter) 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)
< 80% R.H. (no condensation)
- Storage : -10°C~60°C (14°F~140°F)
< 80% R.H. (no condensation)

ACCESSORIES:

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

Additional Accessories for with USB Function –

- USB Cable 1
- CD Rom (software) 1

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

*Accuracy: \pm (%rdg+dgf)

*50-500Hz

Measurement	Range	Resolution	Accuracy	Maximum Input Current
A (ACA)	400A	0.1A	1.8% + 10	600A
	600A	1A	1% + 5	

Measurement	Range	Resolution	Accuracy	Maximum Input Current
A (DCA)	400A	0.1A	1.8% + 10	600A
	600A	1A	1% + 5	

*50-500Hz

Measurement	Range	Resolution	Accuracy	Input Impedance	Maximum Input Voltage
V (ACV)	4V	0.001V	1.5% + 10	Approx. 11M Ω	600V rms
	40V	0.01V		Approx. 10M Ω	
	400V	0.1V	1.5% + 5		
	600V	1V			

Measurement	Range	Resolution	Accuracy	Input Impedance	Maximum Input voltage
V (DCV)	400mV	0.1mV	0.75% + 3	Approx. \geq 100M Ω	600V
	4V	0.001V	1% + 3	Approx. 11M Ω	
	40V	0.01V		Approx. 10M Ω	
	400V	0.1V			
	600V	1V			

Measurement	Range	Resolution	Accuracy	Remarks	Maximum Input Voltage
Ω (Resistance)	400 Ω	0.1 Ω	1% + 5	• Open circuit voltage: approx. 0.4V • The measuring current changes in accordance with the resistance measured.	600V
	4k Ω	0.001k Ω			
	40k Ω	0.01k Ω			
	400k Ω	0.1k Ω			
	4M Ω	0.001M Ω			
40M Ω	0.01M Ω	3% + 5			
			5% + 5		

Measurement	Range	Resolution	Accuracy	Maximum Input Voltage
••• (BUZZER)	400 Ω	0.1 Ω	The buzzer turns on for resistances below approx. 100 Ω .	600V

Measurement	Range	Resolution	Accuracy	Remarks	Maximum Input Voltage
▶ (DIODE)	1.000V	0.001V	10% + 5	• Open circuit voltage: approx. 1.5V	600V

Measurement	Range	Resolution	Accuracy	Remarks	Maximum Input Voltage
Hz Frequency	5.000Hz	0.001Hz	0.7% + 5	• Accuracy in the case of sine wave. • 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			

Remarks : The accuracy data for ACA, DCA is subject to the conductor to be measured at the center of the iron core (clamp jaw)