

# Clamp Meter

## Protek 305/307



**Protek 305**

### Features (305)

- 4,000 Counts
- 40 Segments Bargraph
- AC / DC 1000A
- True RMS



**Protek 307**

### Features (307)

- 4,000 Counts
- 40 Segments Bargraph
- AC / DC 1000A
- True RMS
- Power, Apparent Power Factor

Clamp Meter



## Specifications

Model		305/307					
DC Voltage	Range	400mV		4V		40V, 400V, 600V	
	Accuracy	±(0,5% rdg + 3d)					
	Input Impedance	100M		11M		10M	
	Max. Input	1,000V DC and AC Peak					
AC Voltage	Range	4V, 40V, 400V, 600V					
	Accuracy	±(1,5% rdg + 5d)					
	Input Impedance	10M					
	Max. Input	750V DC and AC Peak 50Hz ~ 500Hz					
DC Current	Range	400A		1000A			
	Accuracy	±(2,0% rdg + 5d)					
	Resolution	0,1A		1A			
	Overload Port	1000A (Within 1 Minute)					
AC Current	Range	400A		1000A			
	Accuracy	±(2,0% rdg + 5d)					
	Resolution	0,1A		1A			
	Overload Port	1000A (Within 1 Minute)					
Resistance	Range	400K	4K	40K	400K	4M	10M
	Accuracy	±(2,0% rdg + 5d)					
	Resolution	100mΩ	1Ω	10Ω	100Ω	1KΩ	10KΩ
	Max. Input	600Vrms					
Frequency	Range	100Hz	1KHz	10KHz	100KHz	1MHz	
	Accuracy	±(2,0% rdg + 2d)					
	Resolution	0,01Hz	0,1Hz	1Hz	10Hz	100Hz	
	Max. Input	250V DC or rms					
Model		307 Only					
Power	Range	600KW					
	Accuracy	±(2,0% rdg + 3d)					
	Resolution	100W					
	Max. Input	1000V / 1000A					
Apparent Power	Range	600VA					
	Accuracy	±(2,0% rdg + 3d)					
	Resolution	1VA					
Power Factor	Range	0,03 ~ 1					
	Accuracy	±(2,0% rdg + 3d)					
	Resolution	0,01					
Measuring Method	1000V / 1000A						
Display	Dual Integration Mode						
Bar Graph Display	3 3/4 Digits LCD, Max. Reading of 3999						
Range	40 Segments						
Polarity	Auto or Manual Range						
Sampling	Automatic No Indication for Positive						
Low Battery Indication	Polarity Minus (-) Sign for Negative Polarity						
Operating Temperature	Digital 2 Times / sec Bargraph 20 Times / sec,						
Temp. Coefficient	"BAT" Light 2.4 ± 0.3V						
Storage Temperature	0°C ~ 40°C (Below 80 R,H) Non-condensing						
Power Supply	(0°C ~ 18°C), (28°C ~ 40°C) Accuracy x 0,1						
Auto Power Off	-20°C ~ 60°C (Below 70 R,H) Non-condensing						
	1,5V Battery(AAA) x 2pcs (305), 9V Battery x 1pcs (307)						
	30 Minutes						

Clamp  
Meter