

TECPEL



Tecpel True RMS AC/DC Powermeter DPM 035

When you need to find a meter that can handle just about any measurement application, look no further than the DPM 035. This clamp-style multimeter can handle your most demanding AC and DC measurements, and has great features like a large display for easy readability and a unique "surge mode" for measuring in-rush current.

Features:	Standard Accessories:
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- 3¾ digit display with bargraph
- 13 measurement functions, including Crest Factor
- True RMS and Average AC Measurements up to 1000A, 350kW, and 600V
- Data/Min/Max Hold Function
- 3 Year Warranty, CE mark
- Soft Carrying Case
- Instruction Manual
- Four AAA Batteries
- Test Leads

General Specifications:	
Display	0.8" digit LCD; 2/sec update rate 42 Segment Bargraph; 20/sec update rate Max reading of 3500 Auto Power Off
Range Selection	Auto / Manual
Operation Function	Min / Max / Data hold button Zero (Relative) button Surge mode for inrush current measurement Crest Factor measurement mode TRMS / Average AC selectable
Jaw Opening	57mm
Battery Life	500 hours
Oerrange Indication	Most significant digit blinks
Low Battery Indication	Icon blinks
Accuracy Assurance Temperature Range	18~28°C, 75% R.H.
Operating Temperature	0~50°C, <70% R.H.

Storage Temperature	-20~60°C, <80% R.H.
Power Supply	Four AAA batteries
Dimension and Weight	270(H) x 85(W) x 43(D)mm, 700g
Safety	IEC-1010-1, UL-1244/UL-3111, CE mark

Accuracy Specifications:

<u>Range</u>	<u>Resolution</u>	<u>Accuracy</u>	<u>Remarks</u>
Function- Active Power (V x A x CosØ)			
3.5kW	1W	±(2.0%rdg+5dgt)	1200A overload protection
35kW	10W		
350kW	100W		
Function- Apparent Power (V x A)			
3.5kVAR	1VAR	±(2.0%rdg+5dgt)	1200A overload protection
35kVAR	10VAR		
350kVAR	100VAR		
Function- Reactive Power (V x A x SinØ)			
3.5kVAR	1VAR	±(2.0%rdg+5dgt)	1200A overload protection
35kVAR	10VAR		
350kVAR	100VAR		
Function- Power Factor (CosØ)			
3.5kW	1W	±(3.0%rdg+5dgt)	1200A overload protection
35kW	10W		
350kW	100W		
Function- Crest Factor			
up to 6:1	select range	±(3.0%rdg+2dgt)	1200A overload protection
Function- ACA			
35A	10mA	±(1.0%rdg+5dgt)	Surge Mode ±(3.0%rdg+5dgt)
350A	100mA		
1000A	1A	±(1.0%rdg+15dgt)	
Function- ACV			
350V	100mV	±(1.0%rdg+5dgt)	45 - 400Hz bandwidth
600V	1V		

Function-Frequency			
10Hz	0.01Hz	±(0.5%rdg+3dgt)	2V RMS Sensitivity
100Hz	0.1Hz		
1KHz	1.0Hz		
Function- DCA			
35A	10mA	±(1.0%rdg+5dgt)	1200A overload protection
350A	100mA		
1000A	1A	±(1.0%rdg+15dgt)	
Function- DCV			
350V	100mV	±(1.0%rdg+5dgt)	10M Input Impedance
600V	1V		
Function-□			
35	0.01	±(1.0%rdg+2dgt)	400VDC or 400VAC RMS Overload Protection
350	0.1		
3.5k	1		
Function-Continuity Test			
Threshold <30			