


APECH AM-216C



-  V $\overline{\text{---}}$
-  V \sim
-  A $\overline{\text{---}}$
-  Ω
-  $^{\circ}\text{C}$
-  hFE
-  $\rightarrow|$
- 

Features

- Operating conditions:
600V CAT II Pollution grade: 2
Height: under 2000m
Working temperature: 0-40°C (<80%RH, not considered <10°C)
Storage temperature: -10-60°C (<80%RH, take off battery)
- Test or calibrate surrounding temperature : 20°C \pm 2°C
- The biggest voltage between measurement end and ground: 600V
- Fuse protection: "mA" range, fuse: F 200mA/250V; "A" range, fuse: F 10A/250V
- Conversion rate: about 3s/ second
- Display: 1999 counts LED display
- Overload: 'OL' display
- Low voltage display of battery: '  ' displayed when the working voltage is low
- Input polarity indicator: "-" shown automatically
- Battery: 3x1.5V AAA
- Size: 147mm (L) x 71 mm (W) x 45 mm (H)
- Weight: about 220g (battery excluded)

Specifications

Function	Range	Resolution	Accuracy
DC Voltage	200mV	0.1mV	$\pm(0.5\% \text{readings} + 5 \text{digits})$
	2V	1mV	
	20V	10mV	
	200V	100mV	
Resistance	200 Ω	0.1 Ω	$\pm(1\% \text{readings} + 3 \text{digits})$
	2k Ω	1 Ω	
	200k Ω	100 Ω	
	2M Ω	1k Ω	
DCA	2mA	1 μA	$\pm(1\% \text{readings} + 5 \text{digits})$
	20mA	10 μA	
	200A	100 μA	
ACV	10A	10mA	$\pm(3\% \text{readings} + 10 \text{digits})$
	200V	100mV	$\pm(1\% \text{readings} + 10 \text{digits})$
600V	1V		
Temperature	-20 $^{\circ}\text{C}$ ~1000 $^{\circ}\text{C}$	1 $^{\circ}\text{C}$	$\pm(1.0\% \text{readings} + 3 \text{digits})$
Test Conditions			
$\rightarrow $	The display shows the forward voltage drop		
	It buzzes when the resistor is less than 30 Ω and the indicator light		
Transistor			
Range	Description	Accuracy	
hFE	Approximation value is shown.(0-1000)	Base current: about 10 μA Vce about 2.8V	