

5½ & 6½ Digital Multimeter**FEATURES**

- 5½ (Aplab 1095A), 6½ (Aplab 1096A) Digit Display
- 12 Different Measurement Capabilities DCV/ACV, DCI/ACI, Ω 2W/ Ω 4W, Frequency/Period, Diode Test/Continuity, dB/dBm etc.
- True-rms AC Voltage and Current Measurement, upto 300KHz (1096A) & 100KHz (1095A)
- DCV Measurement Accuracy up to 0.01% / 0.0045%, Resolution : 1 μ V / 0.1 μ V
- Max. Measurement Rate : 40 measurement/sec.
- Equal Accuracy Frequency Measurement Greater than 1MHz
- Zeroing (REL) Mode to Offset Residual Reading
- 2 Wire, 4 Wire Resistance Measurement Mode Selectable
- Built-in mX+b, %, dB, dBm etc Mathematics Calculation Function
- 512 Readings Storage and MAX / MIN / AVER / STD Statistics
- HI / IN / LO Comparator
- GPIB (Optional) & USB Interface for Easy Communication
- 10 Sets of Meter Setup can be Stored and Recalled
- Overload Protection
- High Brightness Vacuum Fluorescent Display (VFD)

Technical Specifications

	1095A	1096A
DC Voltage		
Range	100mV ~ 1000V	100mV ~ 1000V
Accuracy	0.010% ±0.0035%	0.005% ±0.0010%
Resolution	1µV	0.1µV
AC Voltage		
Range	100mV ~ 750V	100mV ~ 750V
Accuracy	0.10% ±0.10%	0.06% ±0.05%
Resolution	1µV	0.1µV
Bandwidth	10Hz ~ 100KHz	5Hz ~ 300KHz
DC Current		
Range	10mA ~ 10A	10mA ~ 3A
Resolution	100nA	10nA
Accuracy	0.050% ±0.010%	0.050% ±0.005%
AC current		
Range	10mA ~ 10A	1A ~ 3A
Accuracy	0.25% ±0.08%	0.15% ±0.06%
Bandwidth	10Hz ~ 10KHz	5Hz ~ 10KHz
Resolution	100nA	1µA
Resistance		
Range	200Ω, 2kΩ, 20kΩ, 200kΩ, 2MΩ, 20MΩ	300Ω, 3kΩ, 30kΩ, 300kΩ, 3MΩ, 30MΩ
Accuracy	0.030% ±0.005%	0.015% ±0.002%
Resolution	1mΩ	100µΩ
Test Current	0.7µA ~ 1mA	0.7µA ~ 1mA
Frequency		
Range	5Hz ~ 1.1MHz	5Hz ~ 1.1MHz
Accuracy	0.005% ±0.002%	0.005% ±0.002%
Resolution	10µHz	1µHz
Input Sencitivity	40mVrms	40mVrms
Reading Rate		
Fast	45	45
Medium	24	24
Slow	3.7 (DCV,DCI); 2.3 (ACV,ACI); 3.7 (Ω~2W)	2.3 (DCV,DCI); 1.5 (ACV,ACI); 2.3 (Ω~2W)
MAX. Reading		
Fast	11,999	119,999,9
Medium	119,999	119,999
Slow	119,999	11,999
Interface for Communication	USB, GPIB / RS232 (optional).	
General		
Power Supply	220 ~ 240V AC ±10%, 50Hz ±2Hz / 60Hz ±2Hz, ≤20VA.	
Accessories	Test Leads - 1 Pair (Black & Red), Power Cord, User Manual.	
Optional Accessories	4 Terminal Kelvin Clip, SMD Component Clip, USB Cable.	
Dimensions	225 mm × 100 mm × 355 mm.	
Weight	2.5 Kg. Approx.	
Warm up Time	30 minutes.	
Operating Temp. & Humidity	18°C to 28°C ≤90% RH.	

Aplab Test & Measurement Instruments Division

Aplab Limited, A-5, Wagle Estate, Thane 400 604. India. Tel. : 91-22-67395555, 25821861 Fax : 25823137 Email : tmsales@aplab.com
 •AGRA •AHMEDABAD •BANGALORE •CHANDIGARH •CHENNAI •COIMBATORE •INDORE •JAIPUR •KOLKATA •LUCKNOW •MUMBAI •NEW DELHI •PUNE •SECUNDERABAD •THIRUVANANTHAPURAM