

FAST SELECTION CHARTS

DIGITAL MULTIMETERS

POCKET TYPE

CAT II
 CAT III
 CAT IV



Model	VA25B	VA26A	VA28B
Page	8	9	10
Safety Rating	CATIII 600V	CATIII 600V	CATIII 600V
Display Counts	2000	2000	4000
DC Voltage	600V	600V	600V
AC Voltage	600V	600V	600V
DC Current	10A		1A
AC Current	1A		1A
Resistance	20MΩ	20MΩ	40MΩ
Capacitance			4mF
Frequency			4kHz
Duty Cycle			
Type K Temperature	-200~1200°C -328~219°F	-200~1200°C -328~2192°F	-200~1200°C -328~2192°F
Auto Ranging	•	•	•
True RMS	•	•	•
Current Plug-in Detect	•	•	•
NCV	•	•	•
LIVE Test	•	•	•
Diode Test	•	•	•
Continuity Buzzer	•	•	•
Data Hold	•	•	•
Low Power Indication	•	•	•
Display Backlight	•	•	•
Torch	•	•	•
Red Alarm Backlight	•	•	•
Auto Power Off	•	•	•
Power	•	•	•

FAST SELECTION CHARTS

DIGITAL MULTIMETERS

MANUAL RANGING

CAT II
CAT III
CAT IV



Model	MS8221B	MAS830L3	MY64-2
Page	11	12	13
Safety Rating	CATIII 600V	CATIII 600V	CATII 1000V
Display Counts	1999	1999	1999
DC Voltage	600V	600V	1000V
AC Voltage	600V	600V	700V
DC Current	10A	10A	10A
AC Current	10A	10A	10A
Resistance	20MΩ	2MΩ	200MΩ
Capacitance			20μF
Frequency			20kHz
Duty Cycle			
Type K Temperature			-20~1000°C -4~1832°F
Auto Ranging			
True RMS			
Current Plug-in Detect			
NCV			
LIVE Test			
Diode Test	•	•	•
Continuity Buzzer	•	•	•
Data Hold	•	•	•
Low Power Indication	•	•	•
Display Backlight		*	
Torch			
Red Alarm Backlight			
Auto Power Off			•
Battery Test			
hFE Transistor	•		
Relative Measurement			
Peak Measurement			
Power	9V (6F22) x 1	9V (6F22) x 1	9V (6F22) x 1

FAST SELECTION CHARTS

DIGITAL MULTIMETERS

AUTO RANGING

CAT II
CAT III
CAT IV



Model	VA40	VA40R	VA42R	VA42RP	VA38	VA90A	VA90B
Page	14	15	16	17	18	19	20
Safety Rating	CATIV 600V CATIII 1000V	CATIV 600V CATIII 1000V	CATIV 600V CATIII 1000V	CATIV 600V CATIII 1000V	CATIII 600V CATII 1000V	CATIV 600V CATIII 1000V	CATIV 600V CATIII 1000V
Display Counts	5999	5999	6600	6600	50000	6000	6000
DC Voltage	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC Voltage	1000V	1000V	1000V	1000V	1000V	1000V	1000V
DC Current	10A	10A	10A	10A	10A	10A	10A
AC Current	10A	10A	10A	10A	10A	10A	10A
Resistance	60MΩ	60MΩ	66MΩ	66MΩ	50MΩ	60MΩ	60MΩ
Capacitance	60mF	60mF	66mF	66mF	5000μF	60mF	60mF
Frequency	1MHz	1MHz	2MHz	2MHz	200kHz	1MHz	1MHz
Duty Cycle					.	.	
Type K Temperature	-55~1000°C -67~1832°F	-55~1000°C -67~1832°F	-55~1000°C -67~1832°F	-55~1000°C -67~1832°F		-200~1000°C -328~1832°F	-200~1000°C -328~1832°F
Auto Ranging	.	.	.	.	.	.	.
True RMS	.	.	.	.	.	.	.
NCV							
Diode Test	.	.	.	.	.	.	.
Continuity Buzzer	.	.	.	.	.	.	.
Data Hold	.	.	.	.	.	.	.
Low Power Indication	.	.	.	.	.	.	.
Display Backlight	.	.	.	.	.	.	.
Torch							
Auto Power Off	.	.	.	.	.	.	.
MAX							
MAX/MIN	.	.	.	.	.	.	.
Relative Measurement	.	.	.	.	.	.	.
Peak Measurement				.			
dBm Measurement					.		
USB Interface		.	.	.	.		.
Bar Graph			.	.	.		
Invalidate Voltage Alarm						.	.
Hazard Voltage Indication						.	.
Power	9V (6F22) x 1	9V (6F22) x 1	9V (6F22) x 1	9V (6F22) x 1	1.5V (AAA) x 6	1.5V (AA) x 2	Li-battery

FAST SELECTION CHARTS

DIGITAL MULTIMETERS

SPECIAL APPLICATION

CAT II
CAT III
CAT IV



Model	VA16	VA19	VA588
Page	21	22	23
Safety Rating	CATIII 600V CATII 1000V	CATIII 600V CATII 1000V	CATIII 600V CATII 1000V
Display Counts	1999	3999	5000
DC Voltage	1000V	600V	1000V
AC Voltage	700V	600V	1000V
DC Current	10A	10A	500mA
AC Current	10A	10A	500mA
Resistance	200MΩ	40MΩ	50MΩ
Capacitance		200μF	1000μF
Frequency		100kHz	2MHz
Duty Cycle		*	*
Type K Temperature		-20~1000°C -4~1832°F	-50~1000°C -58~1832°F
Insulation Test			2GΩ
Insulation Test Voltage			1000V
Auto Ranging		*	*
True RMS			*
NCV			
Diode Test	*	*	*
Continuity Buzzer	*	*	
Data Hold	*	*	*
Low Power Indication	*	*	*
Display Backlight	*	*	*
Torch			
Auto Power Off			*
MAX			
MAX/MIN			*
Relative Measurement		*	
Peak Measurement		*	
USB Interface			
Battery Test	1.5/ 6/ 9V		
Cable Test	RJ11/ RJ45		
Power	9V (6F22) x 1	9V (6F22) x 1	1.5V (AAA) x 6

FAST SELECTION CHARTS

DIGITAL MULTIMETERS

BENCH TYPE

CAT II
CAT III
CAT IV



Model	VA801C
Page	24
Safety Rating	CATII 1000V
Display Counts	60000
DC Voltage	1000V
AC Voltage	1000V
DC Current	10A
AC Current	10A
Resistance	60MΩ
Capacitance	60mF
Frequency	6MHz
Duty Cycle	•
Thermocouple Temperature	-200~1200°C (K/ J/ T/ E/ R/ S/ B/ N) -328~2192°F (K/ J/ T/ E/ R/ S/ B/ N)
RTD Temperature	-200~600°C (PT100/ PT500/ PT1000/ Cu50/ Ni120) -328~1112°F (PT100/ PT500/ PT1000/ Cu50/ Ni120)
Memory	16000 point internal/ USB disk or SD card external
Display	VFD
True RMS	•
Diode Test	•
Continuity Buzzer	•
Data Hold	
Low Power Indication	•
Display Backlight	
Torch	
Auto Power Off	
Battery Test	
MAX	
MAX/MIN	•
Relative Measurement	•
Peak Measurement	•
USB Interface	•
Bar Graph	
RS232 Communication	•