New Greenlee Digital Multimeters

Available November 2009

	DML-430A	DM-830A	DM-820A	DM-810A	DM-510A	DM-210A	DM-200A	
True RMS	AC+DC	AC+DC	●	●	●			True RMS
DCA (A max)	10	10	10	10	8	8	8	DCA (A max)
Maximum resolution (µA)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	Maximum resolution (µA)
Best accuracy (%)	0.2	0.2	0.2	0.2	0.5	0.5	0.5	Best accuracy (%)
ACA (A max)	10	10	10	10	8	8	8	ACA (A max)
Maximum resolution (µA)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	Maximum resolution (µA)
Best accuracy (%)	0.6	0.6	0.6	0.6	1.0	1.0	1.0	Best accuracy (%)
DCV (V max)	1000	1000	1000	1000	1000	1000	1000	DCV (V max)
Maximum resolution (µV)	10	10	10	10	10	10	10	Maximum resolution (µV)
Best accuracy (%)	0.06	0.06	0.06	0.06	0.2	0.2	0.2	Best accuracy (%)
ACV (V max)	1000	1000	1000	1000	1000	1000	1000	ACV (V max)
Maximum resolution (µV)	10	10	10	10	10	10	10	Maximum resolution (µV)
Best accuracy (%)	0.5	0.5	0.5	0.5	1.0	1.0	1.0	Best accuracy (%)
Resistance (MΩ)	60	60	60	60	60	60	60	Resistance (MΩ)
Maximum resolution (mΩ)	100	100	100	100	100	100	100	Maximum resolution (mΩ)
Best accuracy (%)	0.1	0.1	0.1	0.1	0.5	0.5	0.5	Best accuracy (%)
Conductance 0.01nS ~ 100nS	●	●	●					Conductance 0.01nS ~ 100nS
Continuity and beeper	●	●	●	●	●	●	●	Continuity and beeper
Diode Test	●	●	●	●	●	●	●	Diode Test
Capacitance	●	●	●	●	●			Capacitance
Frequency	●	●	●	●	●	●	●	Frequency
Frequency Response (Hz)	40~500	40~500	40~500	40~500	40~500	40~500	40~500	Frequency Response (Hz)
Temperature Inputs	2	2	1		1			Temperature Inputs
Display Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Display Type
Dual Digital Display	●	●	●	●				Dual Digital Display
Display Counts	10,000	10,000	10,000	10,000	6,000	6,000	6,000	Display Counts
Backlight	●	●	●	●	●	●	●	Backlight
Display update X/sec	5	5	5	5	5	5	5	Display update X/sec
Analog bar graph	41	41	41	41	24	24	24	Analog bar graph
Analog update X/sec	60	60	60	60	40	40	40	Analog update X/sec
Computer Interface	USB	USB	USB	USB	USB, RS-232	USB, RS-232	USB, RS-232	Computer Interface
Auto and manual ranging	●	●	●	●	●	●	●	Auto and manual ranging
Intelligent Auto Power Off	●	●	●	●				Intelligent Auto Power Off
Auto Power Off					●	●	●	Auto Power Off
Non-Contact and Single-Probe Voltage Detection		●	●		●	●	●	Non-Contact and Single-Probe Voltage Detection
Low Impedance AutoCheck™ mode	●	●			●			Low Impedance AutoCheck™ mode
Beep-Jack™ Input error warning	●	●	●	●	●	●	●	Beep-Jack™ Input error warning
Peak (crest) Hold - Max, Min	●	●	●		●			Peak (crest) Hold - Max, Min
Data Hold	●	●	●	●	●	●	●	Data Hold
Max/Min/Avg	max, min	●	●		max, min			Max/Min/Avg
Relative offset mode (Δ)	●	●	●	●	●	●	●	Relative offset mode (Δ)
Data logging (points stored, single channel)	87,000							Data logging (points stored, single channel)
Data logging (points stored, dual channel)	43,000							Data logging (points stored, dual channel)
Measurement Category Rating	IV 1000	IV 1000	IV 1000	IV 1000	IV 300 III 600 II 1000	IV 300 III 600 II 1000	IV 300 III 600 II 1000	Measurement Category Rating
UL	●	●	●	●	●	●	●	UL
cUL or CSA	●	●	●	●	●	●	●	cUL or CSA
CE	●	●	●	●	●	●	●	CE