

Digital Multimeters & Displays

See www.Jameco.com for complete specifications

3 LEVELS OF SAVINGS
NAME BRANDS **HOUSE BRANDS** **SPECIAL BUY**

Velleman

DVM810



Pocket Sized

P/N 2131127
\$10.95

JAMECO BenchPro

DT830D



P/N 2230002
\$9.95

JAMECO BenchPro

DT182



P/N 2238397
\$10.95

MASTECH

MAS830L



P/N 220759
\$16.95

MASTECH

MAS838



P/N 2206061
\$34.95

EXTECH INSTRUMENTS

MN35



P/N 645618
\$24.95

FLUKE

87-5



P/N 2113471
\$449.99

DAWSON

DDM645



P/N 2208462
\$49.95

All meters come with probes/leads

* Web Code: HBK

Basic Measurement Functions

Jameco Part No.	Manufacturer Part No.	No. of Functions	Display Count	Resolution (max DC)	DC Voltage Ranges (V)	AC Voltage Ranges (V)	DC Current Ranges (A)	AC Current Ranges (A)	Resistance Ranges (Ω)	Capacitance Ranges (F)
2131127	Velleman DVM810	7	1999	1V	200mV - 500V	200mV - 500V	200μA - 10A	—	200Ω - 2MΩ	—
2230002	BenchPro DT830D	8	1999	1V	200mV - 1000V	200mV - 750V	2000mA - 10A	—	200Ω - 2MΩ	—
2238397	BenchPro DT182	8	1999	100μV	200mV - 500V	200mV - 500V	200mA - 10A	—	200Ω - 2000kΩ	—
355207	Velleman DVM850BL	9	1999	100μV	200mV - 100V	200V - 600V	200μA - 10A	—	200Ω - 2MΩ	—
220759	Mastech MAS830L	9	1999	100μV	200mV - 600V	200V - 600V	200μA - 10A	—	200Ω - 2MΩ	—
2206061	Dawson DDM640	9	2000	0.1mV	200mV - 1000V	200mV - 750V	20μA - 10A	20μA - 10A	200Ω - 200MΩ	—
645618	Extech MN35 §	10	1999	100μV	200mV - 600V	200mV - 600V	200mA - 10A	—	200Ω - 20MΩ	—
2230029	Mastech MY61	10	1999	100μV	200mV - 1000V	200mV - 700V	2mA - 10A	2mA - 10A	200Ω - 200MΩ	2nF - 20μF
2113471	Fluke-87-5 §	10	6000	10uV	0 - 1000V	0 - 1000V	0 - 10A	0 - 10A	0 - 50M	0 - 9999μF
185535	Fluke 179 †§	10	6000	100μV	600mV - 1000V	600mV - 1000V	60mA - 10A	60mA - 10A	600Ω - 50MΩ	1000nF - 9999μF
2208462	Dawson DDM645	10	20,000	0.1V	200mV - 1000V	2V - 750V	2mA - 10A	2mA - 10A	200Ω - 200MΩ	20nF - 200μF
1581177	Extech EX430 §	11	4000	100μV	.1mV - 1000V	.1mV - 750V	.1μA - 20A	.1μA - 20A	.1Ω - 40MΩ	.1nF - 100μF
645571	Velleman DVM890F	12	2000	100μV	200mV - 1000V	2V - 700V	2mA - 10A	20mA - 10A	200Ω - 20MΩ	2000pF - 20μF
645626	Extech EX330* §	12	4000	100μV	.1mV - 1000V	.1mV - 750V	.1μA - 10A	.1μA - 10A	.1Ω - 40MΩ	.001nF - 200μF
211650	Extech MN26T §	12	4000	100μV	400mV - 600V	400mV - 600V	400μA - 10A	400μA - 10A	400Ω - 40MΩ	4nF - 200μF
1537328	Fluke 115 †	15	6000	100μV	600mV - 600V	600mV - 600V	6A - 10A	6A - 10A	600Ω - 40MΩ	1000nF - 9999μF
1537336	Fluke 117* †	16	6000	100μV	600mV - 600V	600mV - 600V	6A - 10A	6A - 10A	600Ω - 40MΩ	1000nF - 9999μF
2206053	Dawson DDM230B	17	4000	0.1V	0 - 600V	0 - 600V	0 - 10A	0 - 10A	0 - 10MΩ	0 - 100μF

*With non-contact voltage detector (100-600VAC range)

† With backlight

§ Replacement K type thermocoupler probe (P/N 2228439)



Multi-Functional Graphics Display with Touch Screen Capabilities – Panel Pilot Series

* Web Code: PNP



The Panel Pilot Series is a range of color TFT graphics meters that users can program to display a variety of meter styles previously provided by a traditional panel meter. Available in 2.4", 2.8" and 3.5" sizes, the meters are programmable via USB interface with free Windows-based configuration software. Users can select

the type of meter style they want and personalize the display by selecting preferences in color, text and voltage input scaling. Once programming is complete, the user can save all selections to the meter and computer, detach the unit and mount in their panel as they would a standard display.

The unit is supplied with an ever increasing number of programmable meter styles. A NEMA 6 rated version of the 2.4" display is available for more hostile environments. 4-20mA measurement versions in all sizes also available.

Part No.	Mfr. Part No.	Description	Module Size (inch)	Connection	Supply Voltage	Measurement Range	User Interface	Price
2115354	SGD 24-M	Multi-function 2.4" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.0 x 1.9 x 0.75	Screw terminal	4-30VDC	0-40VDC	USB	\$89.95
2178275	SGD 28-M	Multi-function 2.8" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.4 x 2.3 x 0.80	Screw terminal	4-30VDC	0-40VDC	USB	99.95
2178267	SGD 35-M	Multi-function 3.5" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.7 x 3.0 x 0.90	Screw terminal	4-30VDC	0-40VDC	USB	179.95
2125149	SGD 24-M420	Multi-function 2.4" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.0 x 1.9 x 0.75	Screw terminal	4-30VDC	4-20mA	USB	99.95
2137924	SGD 35-M420	Multi-function 3.5" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.7 x 3.0 x 0.90	Screw terminal	4-30VDC	4-20mA	USB	121.95
2178291	SGD 24-M-IP	Multi-function 2.4" color TFT display NEMA 6 rated for hostile environments	3.0 x 1.9 x 0.75	Screw terminal	4-30VDC	0-40VDC	USB	144.95
2219292	SGD ADPT-TC	Thermocouple add-on board for PanelPilot compatible displays, supplied with K-type probe	—	—	—	-200°C-1350°C	—	34.95
2219305	SGD 43-A	Multi-function 4.3" color TFT display w/ 8 digital I/O pins, 4 16-bit analog inputs & 4 PWM outputs	4.7 x 3.1 x 2.5	Screw Terminal	4-30VDC	0-40VDC, 4-20mA	USB	249.95

Digital Multimeters & Panel Meters



FLUKE
179
P/N 185535
\$349.99



EXTECH
EX430
P/N 1581177
\$94.95



EXTECH
EX330
P/N 645626
\$59.95



Velleman
DVM890F
P/N 645571
\$44.95



EXTECH
MN26T
P/N 211650
\$44.95
Pocket Sized



FLUKE
115
P/N 1537328
\$179.99



FLUKE
117
P/N 1537336
\$199.99



Jameco
DDM230B
P/N 2206053
\$59.95

Frequency Ranges (Hz)	Temperature Range		Test Functions				Special Functions				Size (H" x W" x D")	Jameco Part No.	Pricing	
	°C	°F	Diode Test	Battery Test	Continuity Test	Transistor hFE Test	Autorange	Analog Bargraph	RS-232 PC Interface	True RMS			1	5
—	—	—	✓			✓					3.6 x 1.8 x 1.0	2131127	\$10.95	\$9.95
—	—	—	✓		✓	✓					5.0 x 2.7 x 1.7	2230002	9.95	8.95
50 - 200kHz	—	—	✓	✓	✓	✓					3.9 x 1.9 x 0.7	2238397	10.95	9.95
—	0 to 40	0 to 104	✓		✓	✓					5.4 x 2.7 x 1.2	355207	19.95	17.95
—	0 to 40	0 to 104	✓		✓	✓					5.7 x 3.0 x 1.4	220759	16.95	14.95
—	—	—	✓		✓	✓					7.7 x 3.7 x 2.2	2206061	34.95	31.95
—	-20 to 750	-4 to 1382	✓	✓	✓	✓					5.4 x 3.0 x 1.5	645618	24.95	22.49
2 - 20KHz	-20 to 1000	-4 to 1832	✓		✓	✓					7.4 x 3.5 x 1.2	2230029	29.95	26.95
0 - 200K	-200 to 1090	-328 to 1994	✓		✓	✓					7.4 x 3.4 x 1.3	2113471	449.99	—
99.99 - 99.99k	-40 to 400	-40 to 752	✓		✓	✓	✓	✓	✓	✓	7.3 x 3.5 x 1.7	185535	349.99	—
20k	—	—	✓		✓	✓					2.2 x 3.7 x 7.7	2208462	49.95	44.95
.001 - 10M	-20 to 750	-4 to 1382	✓		✓	✓	✓		✓	✓	7.4 x 3.2 x 2.0	1581177	94.95	89.95
—	-10 to 50	-58 to 1832	✓		✓	✓					6.7 x 3.5 x 1.5	645571	44.95	39.95
.001 - 10M	-50 to 1000	-58 to 1832	✓		✓	✓	✓				5.7 x 2.9 x 1.6	645626	59.95	54.95
10 - 10M	-40 to 250	-40 to 482	✓		✓	✓	✓				4.8 x 2.4 x 1.6	211650	44.95	39.95
99.99 - 50k	-10 to 50	14 to 122	✓		✓	✓	✓	✓	✓	✓	6.3 x 3.3 x 1.9	1537328	179.99	—
99.99 - 50k	-10 to 50	14 to 122	✓		✓	✓	✓	✓	✓	✓	6.3 x 3.3 x 1.9	1537336	199.99	—
0 - 5M	—	—	✓		✓	✓	✓	✓	✓	✓	5.8 x 3.0 x 1.6	2206053	59.95	54.95

* Web Code: HBK

Velleman Analog Panel Meters

• Includes mounting hardware • **316507**: Includes current shunt

Part No.	Mfr. P/N	Range	Size (W" x H" x D")	1	10
316603	AVM6015	0 - 15VDC	2.4 x 1.8 x 1.3 ...	\$9.95	\$8.95
316671	AVM7015	0 - 15VDC	2.8 x 2.4 x 1.4 ...	10.95	9.95
316638	AVM6030	0 - 30VDC	2.4 x 1.8 x 1.3 ...	9.95	8.95
316654	AVM7030	0 - 30VDC	2.8 x 2.4 x 1.4 ...	10.95	9.95
315301	AIM60005	0 - 50µA	2.4 x 1.8 x 1.3 ...	8.95	8.95
316523	AIM6050	0 - 50mA	2.4 x 1.8 x 1.3 ...	9.95	8.95
316558	AIM60500	0 - 500mA	2.4 x 1.8 x 1.3 ...	9.95	8.95
316566	AIM60500	0 - 5A	2.4 x 1.8 x 1.3 ...	10.95	9.95
316582	AIM705000	0 - 5A	2.8 x 2.4 x 1.4 ...	10.95	9.95
316494	AIM6010A	0 - 10A	2.4 x 1.8 x 1.3 ...	9.95	8.95
316507	AIM6030A	0 - 30A	2.4 x 1.8 x 1.3 ...	13.95	12.49

* Web Code: YBQ

Jameco ValuePro LCD Digital Panel Meters

* Web Code: WBU

- Input ranges: 200mV, 20V, 200V, 500V
- Input imped.: >100MΩ
- Accuracy: ±0.5%
- Automatic polarity indication
- Size: 1.8"W x 1.0"H (DFRobot meters)
- Size: 2.7"W x 1.7"H (Velleman & ValuePro meters)
- Supply voltage: 8-12VDC (recommend 9V battery P/N 151095, pg 111)

Part No.	*Mfr.	Mfr. Part No.	Description	1	10	25
2131135	VEL	PMLCDL	3½-digit	\$9.95	\$8.95	\$7.95
2152323	DFR	DFR0130-B	3-digit LED (4.5V-30V w/ 1% accuracy)	10.95	9.95	8.95
2190768	DFR	DFR0244-B	LED current meter (blue)	9.95	8.95	7.95
2190776	DFR	DFR0245-R	LED current meter (red)	9.95	8.95	7.95
108388	JVP	PM-428†	3½-digit (no bezel, snap mount)	8.95	7.95	6.95
2144606	JVP	CX102B	3½-digit red (4.75VDC-5.25VDC)	11.95	10.95	9.95
175951	JVP	PM-128†	3½-digit (bezel, screw mount)	13.95	12.49	10.95
146835	JVP	PM-188BL†	3½-digit (with backlight display)	14.95	13.49	11.95
2076121	VEL	PM/RES	Resistor set for Velleman meters	1.95	1.75	1.49

* Mfr.: VEL = Velleman; DFR = DFRobot; JVP = Jameco ValuePro
† Cannot use in common ground app.

Lascar Drill Mountable Panel Meters

* Web Code: WBU

• Mount by simply drilling a single hole (7/32") & insert the threaded section of the panel meter • Module size: 1.71"L x 0.84"W

Part No.	Mfr. Part No.	Description	Digit Ht.	Supply Volt.	Measurement Range	1	5	25
2113201	EMV-1125	3½-digit, LCD volt/current meter	.50"	7.5-15VDC	200mV-20V/200µA-200mA	\$34.95	\$32.95	\$29.95
2095040	EMV 1200	3-digit, signal pwrd, LCD voltmeter	.50"	3-50VDC	4-25VDC	29.95	27.95	24.95
2095074	EMC 1500	5-digit, LCD hour meter	.35"	5-27VDC	99999 hours	34.95	31.95	28.95
2116584	V1	3½-digit, LCD voltmeter	.25"	7-12VDC	200mV-20V	17.95	17.49	16.95



* For additional products, availability and specifications visit Jameco.com and enter the Web Code in the product search box

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