DVM810
P/N 2131127
$6.95

DT830D
P/N 2230002
$9.95

DT182
P/N 2238397
$10.95

MAS830L
P/N 220759
$16.95

MAS838
P/N 2206061
$34.95

MN35
P/N 645618
$24.95

DDM645
P/N 2208462
$49.95

179
P/N 185535
$349.99

EX430
P/N 1581177
$94.95

EX330
P/N 645626
$59.95

DVM890F
P/N 645571
$37.95

MN26T
P/N 211650
$44.95

115
P/N 1537328
$179.99

117
P/N 1537336
$199.99

GSM881
P/N 2247381
$17.95

All meters come with probes/leads ★Web Code: HBK

Jameco Part No.	Manufacturer Part No.	No. of Functions	Display Count	DC Voltage Ranges (V)	AC Voltage Ranges (V)	DC Current Ranges (A)	AC Current Ranges (A)	Resistance Ranges (Ω)	Capacitance Ranges (F)		Frequency Ranges (Hz)	Temperature Range °C	Temperature Range °F	Diode Test	Battery Test	Continuity Test	Transistor hFE Test	Autorange	Analog Bargraph	RS-232 PC Interface	True RMS	Size (H" x W" x D")	Jameco Part No.	Pricing 1	Pricing 5
Basic Measurement Functions														**Test Functions**				**Special Functions**					★Web Code: HBK		
2247381	BenchPro GSM-881	6	6000	200mV - 600V	0V - 600V	200µA - 200µA	—	0Ω - 2MΩ	—		—	—	—	✔		✔						5.3 x 2.8 x 1.2	2247381	$17.95	$15.95
2131127	Velleman DVM810	7	1999	200mV - 500V	200mV - 500V	200µA - 10A	—	200Ω - 2MΩ	—		—	—	—	✔		✔	✔					3.6 x 1.8 x 1.0	2131127	6.95	6.25
2230002	BenchPro DT830D	8	1999	200mV - 1000V	200mV - 750V	2000mA - 10A	—	200Ω - 2MΩ	—		—	—	—	✔		✔	✔					5.0 x 2.7 x 1.7	2230002	9.95	8.95
2238397	BenchPro DT182	8	1999	200mV - 500V	200mV - 500V	200mA - 10A	—	200Ω - 2000kΩ	—		50 - 200kHz	—	—	✔	✔	✔	✔					3.9 x 1.9 x 0.7	2238397	10.95	9.95
355207	Velleman DVM850BL	9	1999	200mV - 100V	200V - 600V	200µA - 10A	—	200Ω - 2MΩ	—		—	0 to 40	0 to 104	✔		✔	✔					5.4 x 2.7 x 1.2	355207	14.49	12.95
220759	Mastech MAS830L	9	1999	200mV - 600V	200V - 600V	200µA - 10A	—	200Ω - 2MΩ	—		—	0 to 40	0 to 104	✔		✔	✔					5.7 x 3.0 x 1.4	220759	16.95	14.95
2206061	Dawson DDM640	9	2000	200mV - 1000V	200mV - 750V	20µA - 10A	20µA - 10A	200Ω - 200MΩ	—	⟷	—	—	—	✔		✔	✔					7.7 x 3.7 x 2.2	2206061	34.95	31.95
645618	Extech MN35	10	1999	200mV - 600V	200mV - 600V	200mA - 10A	—	200Ω - 20MΩ	—		—	-20 to 750	-4 to 1382	✔	✔	✔						5.4 x 3.0 x 1.5	645618	24.95	22.49
2230029	Mastech MY61	10	1999	200mV - 1000V	200mV - 700V	2mA - 10A	2mA - 10A	200Ω - 200MΩ	2nF - 20µF		2 - 20KHz	-20 to 1000	-4 to 1832			✔	✔					7.4 x 3.5 x 1.2	2230029	29.95	26.95
185535	Fluke 179†	10	6000	600mV - 1000V	600mV - 1000V	60mA - 10A	60mA - 10A	600Ω - 50MΩ	1000nF - 9999µF		99.99 - 99.99k	-40 to 400	-40 to 752	✔		✔		✔	✔		✔	7.3 x 3.5 x 1.7	185535	349.99	—
2208462	Dawson DDM645	10	20,000	200mV - 1000V	2V - 750V	2mA - 10A	2mA - 10A	200Ω - 200MΩ	20nF - 200µF		20k	—	—	✔		✔	✔					2.2 x 3.7 x 7.7	2208462	49.95	44.95
1581177	Extech EX430	11	4000	.1mV - 1000V	.1mV - 750V	.1µA - 20A	.1µA - 20A	.1Ω - 40MΩ	.1nF - 100µF		.001 - 10M	-20 to 750	-4 to 1382	✔		✔		✔			✔	7.4 x 3.2 x 2.0	1581177	94.95	89.95
645571	Velleman DVM890F	12	2000	200mV - 1000V	2V - 700V	2mA - 10A	20mA - 10A	200Ω - 20MΩ	2000pF - 20µF		—	-10 to 50	-58 to 1832	✔		✔	✔					6.7 x 3.5 x 1.5	645571	37.95	35.95
645626	Extech EX330*	12	4000	.1mV - 1000V	.1mV - 750V	.1µA - 10A	.1µA - 10A	.1Ω - 40MΩ	.001nF - 200µF		.001 - 10M	-50 to 1000	-58 to 1832	✔		✔		✔				5.7 x 2.9 x 1.6	645626	59.95	54.95
211650	Extech MN26T	12	4000	400mV - 600V	400mV - 600V	400µA - 10A	400µA - 10A	400Ω - 40MΩ	4nF - 200µF	⟷	10 - 10M	-40 to 250	-40 to 482	✔		✔		✔				4.8 x 2.4 x 1.6	211650	44.95	39.95
1537328	Fluke 115†	15	6000	600mV - 600V	600mV - 600V	6A - 10A	6A - 10A	600Ω - 40MΩ	1000nF - 9999µF		99.99 - 50k	-10 to 50	14 to 122	✔		✔		✔	✔		✔	6.3 x 3.3 x 1.9	1537328	179.99	—
1537336	Fluke 117*†	16	6000	600mV - 600V	600mV - 600V	6A - 10A	6A - 10A	600Ω - 40MΩ	1000nF - 9999µF		99.99 - 50k	-10 to 50	14 to 122	✔		✔		✔	✔		✔	6.3 x 3.3 x 1.9	1537336	199.99	—

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

2.4GHz 2-Channel Frequency Counter

- 8-digit green LED display with annunciators
- Adjustable range and gate time
- Frequency ranges: 0.01Hz to 2.4GHz
- Gate time: 100 msec. to 10 sec.
- Channel A: DC coupled – 0.01Hz to 100Hz; AC coupled – 100Hz to 50MHz, sensitivity – 80mVrms, 1MΩ impedance
- Channel B: frequency range: 50MHz to 2.4GHz, sensitivity – 50mVrms, 50Ω impedance
- Size: 10.6"W x 8.5"D x 3.9"H • Weight: 3.5 lbs.

Part No.	Mfr. Part No.	1	5
1955968	DVM13MFC2U	$149.95	$134.95

PC-Base Oscilloscope, Logic Analyzer and Pattern Generator

Link Instruments

- 100MHz spectrum analyzer/FTF
- 200 MSa/s logic analyzer
- 100 Mpt/s pattern generator
- 60MHz bandwidth
- 2 GSa/s oscilliosccope
- 8 logic analyzer inputs & 1 pattern generator

Part No.	Mfr. Part No.	1	5
2207241	MSO-19	$249.95	$234.95

★Frequency Counters — Enter Web Code VCG

Oscilloscope Tutor Kit

This board generates a number of safe "real world" signals that can help you learn terms such as V/div, as well as the measurement quanities of AC, DC, frequency and more. Most experiments can be done with a digital or analog scope. Learn more about oscilloscopes with this kit!

- Signals: alternating current (AC), adjustable AC, full wave and half-wave rectified AC, smoothed direct current (DC), ripple, astable oscillator
- No slodering required, assembled and tested
- Power supply: 9-12VAC, min. 100mA (recommend P/N 100061)
- Size 4.6"L x 2.9"W x 0.9"H

Part No.	Mfr. Part No.	1	5
2175568	EDU06	$29.95	$28.95

Logic Probe Kit

This kit will help you easily monitor digital signals, whether they are on or off. It tests digital circuits at various points to see if they are low, high, or constantly changing, which is perfect for troubleshooting serveral kinds of digital circuits including timers, clocks, counters and more.

Part No.	Mfr. Part No.	1	5
662725	EBLOG-300A	$10.95	$9.95

4, 8 & 16-Channel Logic Analyzers

- Edge and pulse width trigger
- Digital max. sample rates (range): 1-500MSPS*
- Analog max. sample rates (range): 10-50MSPS*
- Digital bandwidth (range): 3-100MHz square wave*
- Analog bandwidth (range): 600kHz - 5MHz*
- Compatible with Windows®, Linux and MAC OS®

Includes: Logic analyzer, flexible test lead set, micro-hook clips, USB cable and custom carrying case

2217140

Part No.	Description	Size (L" x W" x H")	Price
2217140	4-channel	1.7 x 1.7 x 0.39	$109.00
2217131	8-channel	2.1 x 2.1 x 0.46	219.95
2217123	8-channel	3.6 x 3.6 x 0.59	479.95
2217115	16-channel	3.6 x 3.6 x 0.59	599.00

*Dependent on logic analyzer and channel, available in red

17MHz Logic Probe

- Max. input frequency: 17MHz
- Minimum pulse width: 30ns
- Pulse flash time: 500ms
- Input impedance: 1MΩ
- Audible tones for high and low
- Power supply protection: ±20V
- TTL threshold: Lo = 0.8V ±0.2V, Hi = 2.3V ±0.2V
- CMOS threshold: Lo = 30% VCC, Hi = 70% VCC

Part No.	Cross Ref. No.	1	5	25
149930	LP3500	$39.95	$36.95	$32.95

Analog Panel Meters

★Web Code: YBQ

- 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	$7.95	$7.19
316671	AVM7015	0 – 15VDC	2.8 x 2.4 x 1.4	7.95	7.19
316638	AVM6030	0 – 30VDC	2.4 x 1.8 x 1.3	7.95	7.19
316654	AVM7030	0 – 30VDC	2.8 x 2.4 x 1.4	8.49	7.49
315301	AIM60005	0 – 50µA	2.4 x 1.8 x 1.3	7.95	7.19
316523	AIM6050	0 – 50mA	2.4 x 1.8 x 1.3	7.75	6.95
316558	AIM60500	0 – 500mA	2.4 x 1.8 x 1.3	8.49	7.49
316566	AIM60500	0 – 5A	2.4 x 1.8 x 1.3	7.95	7.19
316582	AIM705000	0 – 5A	2.8 x 2.4 x 1.4	8.49	7.49
316494	AIM6010A	0 – 10A	2.4 x 1.8 x 1.3	7.95	7.19
316507	AIM6030A	0 – 30A	2.4 x 1.8 x 1.3	11.49	10.49

316603

316523

★Parallel LCD Displays — Enter Web Code GCG

★7, 14 & 16-Segment Displays — Enter Web Code PBW

★Meters and Testers — Enter Web Code EMT

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
2264535	302942	2½-digit, voltmeter (red)	.50"	3.5-30VDC	0-100VDC	$7.95	$6.95	$6.25
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

LED/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)

2131135

Part No.	*Mfr.	Mfr. Part No.	Description	1	10	25
2131135	VEL	PMLCDL	3½-digit LCD	$7.95	$7.19	$6.49
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
2253677	VEL	PMTEMP2	Panel meter w/ digital thermometer LCD	8.95	8.49	8.25
108388	JVP	PM-428†	3½-digit (no bezel, snap mount) LCD	8.95	7.95	6.95
2144606	JVP	CX102B	3½-digit red (4.75VDC-5.25VDC) LED	11.95	10.95	9.95
146835	JVP	PM-188BL†	3½-digit (w/ backlight display) LCD	14.95	13.49	11.95
2076121	VEL	PM/RES	Resistor set for Velleman meters	1.49	1.35	1.19

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

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