KLEIN TOOLS

DIGITAL CLAMP METERS

FEATURES	CL120	CL220	CL320	CL390	CL460S	CL490	CL445	CL710	CL810	CL900	CL910
Drop Protection	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)
Ingress Protection	-	-	-	-	-	-	-	IP40	IP40	IP40	IP40
Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 750V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 2000V
AC Voltage (Volts)	600V	600V	600V	600V	600V	600V	750V	1000V	1000V	1000V	2000V
DC Voltage (Volts)	600V	600V	600V	600V	600V	600V	600V	1000V	1000V	1000V	2000V
AC Current (Amps)	400A	400A	400A	400A	400A	400A	600A	600A	600A	2000A	2000A
DC Current (Amps)	-	-	-	400A	400A	400A	-	600A	600A	2000A	2000A
Ohms (Resistance)	20MΩ	20MΩ	40MΩ	40MΩ	40MΩ	40MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ
AC Millivolts	●	●	●	●	●	●	●	●	●	-	●
DC Millivolts	●	●	●	●	●	●	●	●	●	●	●
DC Microamps	-	-	200µA	2000µA	400µA	200µA	600µA	-	200µA	-	200µA
True RMS	-	●	●	●	●	●	●	●	●	●	●
Audible Continuity	●	●	●	●	●	●	●	●	●	●	●
LCD Backlight	●	●	●	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Dual Hi-Vis Reverse Contrast	●	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Hi-Vis Reverse Contrast (FFSTN)	●	Backlit Hi-Vis Reverse Contrast (FFSTN)
Lighted Dial	-	-	-	-	-	-	-	●	●	-	●
Temperature	-	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-148° - 1832°F (-100° - 1000°C)	-	-40° - 1832°F (-40° - 1000°C)	-	-14° - 1000°F (-26° - 538°C)
Inrush Current	-	-	-	-	-	-	600A	-	600A	2000A	2000A
Non-Contact Voltage Testing	●	●	●	●	●	●	●	●	●	●	●
Auto Ranging	●	●	●	●	●	●	●	●	●	●	●
Range Hold	●	●	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●	●	●
Diode Test	-	-	●	●	●	●	●	●	●	●	●
Capacitance Test	-	-	4000µF	4000µF	4000µF	4000µF	6000µF	6000µF	6000µF	6000µF	6000µF
Frequency / Duty Cycle	-	-	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)
Max / Min	Max Only	Max Only	●	●	●	●	●	●	●	●	●
Relative/Zero	-	-	-	●	●	●	-	●	●	●	●
Magnet	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
Worklight	-	-	-	-	-	-	●	-	●	-	●
Lead Holder	●	●	●	●	●	●	●	●	●	●	●
Auto-Power Off	●	●	●	●	●	●	●	●	●	●	●
Low Battery Indicator	●	●	●	●	●	●	●	●	●	●	●
LCD Display Count	2000	2000	4000	4000	4000	4000	6000	6000	6000	6000	6000
Batteries	3 x AAA	3 x AAA	3 x AAA	3 x AAA	3 x AAA	2 x AA	3 x AAA	3 x AAA	3 x AAA	2 x AAA	2xAA
Case Included	●	●	●	●	●	●	●	●	●	●	●
Dual Display	-	-	-	-	-	●	-	-	-	-	-
Smart Mode	-	-	-	-	●	-	-	-	-	-	-

Specifications subject to change.

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KLEIN TOOLS

DIGITAL CLAMP METERS

FEATURES	CL120	CL220	CL320	CL390	CL460S	CL490	CL445	CL710	CL810	CL900	CL910
Drop Protection	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)	6.5 ft. (2m)
Ingress Protection	-	-	-	-	-	-	-	IP40	IP40	IP40	IP40
Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 750V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 2000V
AC Voltage (Volts)	600V	600V	600V	600V	600V	600V	750V	1000V	1000V	1000V	2000V
DC Voltage (Volts)	600V	600V	600V	600V	600V	600V	600V	1000V	1000V	1000V	2000V
AC Current (Amps)	400A	400A	400A	400A	400A	400A	600A	600A	600A	2000A	2000A
DC Current (Amps)	-	-	-	400A	400A	400A	-	600A	600A	2000A	2000A
Ohms (Resistance)	20MΩ	20MΩ	40MΩ	40MΩ	40MΩ	40MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ
AC Millivolts	●	●	●	●	●	●	●	●	●	-	●
DC Millivolts	●	●	●	●	●	●	●	●	●	●	●
DC Microamps	-	-	200µA	2000µA	400µA	200µA	600µA	-	200µA	-	200µA
True RMS	-	●	●	●	●	●	●	●	●	●	●
Audible Continuity	●	●	●	●	●	●	●	●	●	●	●
LCD Backlight	●	●	●	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Dual Hi-Vis Reverse Contrast	●	Backlit Hi-Vis Reverse Contrast (FFSTN)	Backlit Hi-Vis Reverse Contrast (FFSTN)	●	Backlit Hi-Vis Reverse Contrast (FFSTN)
Lighted Dial	-	-	-	-	-	-	-	●	●	-	●
Temperature	-	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-148° - 1832°F (-100° - 1000°C)	-	-40° - 1832°F (-40° - 1000°C)	-	-14° - 1000°F (-26° - 538°C)
Inrush Current	-	-	-	-	-	-	600A	-	600A	2000A	2000A
Non-Contact Voltage Testing	●	●	●	●	●	●	●	●	●	●	●
Auto Ranging	●	●	●	●	●	●	●	●	●	●	●
Range Hold	●	●	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●	●	●
Diode Test	-	-	●	●	●	●	●	●	●	●	●
Capacitance Test	-	-	4000µF	4000µF	4000µF	4000µF	6000µF	6000µF	6000µF	6000µF	6000µF
Frequency / Duty Cycle	-	-	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)	10Hz - 60kHz 0.1% to 99.9% (≤10kHz)
Max / Min	Max Only	Max Only	●	●	●	●	●	●	●	●	●
Relative/Zero	-	-	-	●	●	●	-	●	●	●	●
Magnet	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
Worklight	-	-	-	-	-	-	●	-	●	-	●
Lead Holder	●	●	●	●	●	●	●	●	●	●	●
Auto-Power Off	●	●	●	●	●	●	●	●	●	●	●
Low Battery Indicator	●	●	●	●	●	●	●	●	●	●	●
LCD Display Count	2000	2000	4000	4000	4000	4000	6000	6000	6000	6000	6000
Batteries	3 x AAA	3 x AAA	3 x AAA	3 x AAA	3 x AAA	2 x AA	3 x AAA	3 x AAA	3 x AAA	2 x AAA	2xAA
Case Included	●	●	●	●	●	●	●	●	●	●	●
Dual Display	-	-	-	-	-	●	-	-	-	-	-
Smart Mode	-	-	-	-	●	-	-	-	-	-	-

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