

Clamp-on Testers

CL120



AC A

∅ 24

AC/20~200A

CL130



AC A

∅ 30

AC/200~600A

AC V/Ω

CL120

Light weight & compact design
 Mean value display
 Data hold function
 Approved for conformity to safety standards EN61010-1, EN61010-2-032 (CAT. III 300 V)

Specifications

At 23 ±5 75%RH or less
 Accuracy: ± (% rdg + dgt) = ± (% readout + value of least significant digit)

Parameter	Reference	Accuracy
AC current	20A	2.0+7 (50 ~ 1kHz)
	200A	2.0+5 (50/60Hz) 3.0+10 (40 ~ 1kHz)

General Specifications

Parameter	Specification
Method of detection	Mean value
Display	LCD(Digital display:1999 counts)
Response time	Approx. 2 seconds
Range switching	Manual-range
Data hold	On all range
Ambient temperature and humidity	0-40 , 85% RH or less (no condensation)
Temperature coefficient	-
Influence of external magnetic field	0.8A or less at 400A/m
Influence of conductor position	±2% or less
Safety standard	Conforms EN 61010-1, EN61010-2-032
Circuit voltage	300Vrms or less
Withstanding voltage	3.7kV AC for one minute
Power supply	LR-44 ×2(3V) or SR-44 ×2
Battery life	Approx. 100 hours (continuous)
Consumed current	Approx. 1mA
Auto power-off	Approx. 10 minutes
Diameter of measurable conductor	24mm at maximum
Dimensions	Approx. 59(W)×148(H)×26(D)mm
Weight	Approx. 100g
Accessories	User's manual(IM CL120), batteries, carrying case(93033)

CL130

Mean value display
 Data hold function
 Approved for conformity to safety standards EN61010-1, EN61010-2-031, EN61010-2-032 (CAT. III 600 V)

Specifications

At 23 ±5 75%RH or less
 Accuracy: ± (% rdg + dgt) = ± (% readout + value of least significant digit)

Parameter	Reference	Accuracy
AC current	200A	1.5+6 (50/60Hz)
		2.0+5 (40 ~ 1kHz)
	600A	1.0+3 (50/60Hz) 2.0+5 (40 ~ 1kHz)
AC voltage	200V/600V	1.0+2 (50/60Hz)
		1.5+4 (40 ~ 1kHz)
Resistance	200	1.2+4 , Beeps at below 30 (continuity check)

General Specifications

Parameter	Specification
Method of detection	Mean value
Display	LCD(Digital display:1999 counts)
Response time	Approx. 1 second (approx. 2 seconds on resistance range)
Range switching	Manual-range
Data hold	On all range
Ambient temperature and humidity	-10-50 , (no condensation) up to 30 , 90% RH up to 40 , 75% RH up to 50 , 45% RH
Temperature coefficient	-
Influence of external magnetic field	2A or less at 400A/m
Influence of conductor position	±2% or less
Safety standard	Conforms EN 61010-1, EN61010-2-031, EN61010-2-032
Circuit voltage	600Vrms or less
Withstanding voltage	5.55kV AC for one minute
Power supply	6F22(006P)9V ×1 or 6LR61 ×2
Battery life	Approx. 200 hours (continuous)
Consumed current	Approx. 2mA
Auto power-off	Approx. 10 minutes
Diameter of measurable conductor	30mm at maximum
Dimensions	Approx. 93(W)×210(H)×40(D)mm
Weight	Approx. 400g
Accessories	User's manual(IM CL130), batteries, carrying case(93032)

Test Equipment Depot



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