FLUKE®

323/324/325

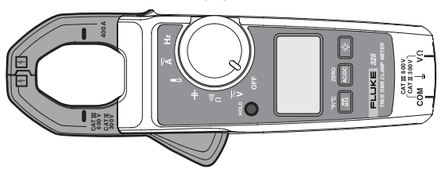
Clamp Meters

Quick Reference Guide

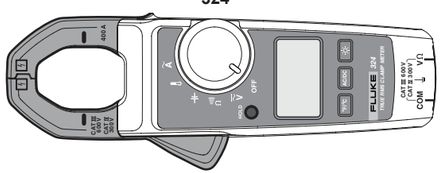
⚠⚠ Warning

To prevent possible electrical shock, fire, or personal injury, read the "323/324/325 Safety Sheet" before you use this Product.

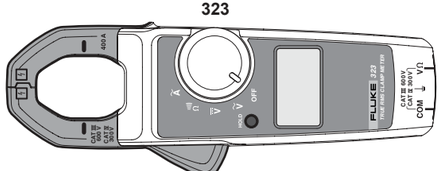
325



324



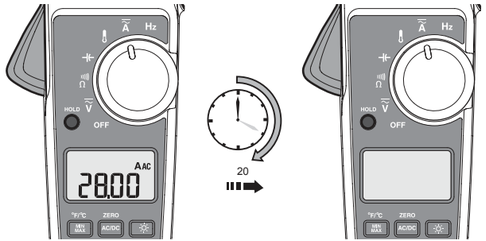
323



PN 4637502 March 2015

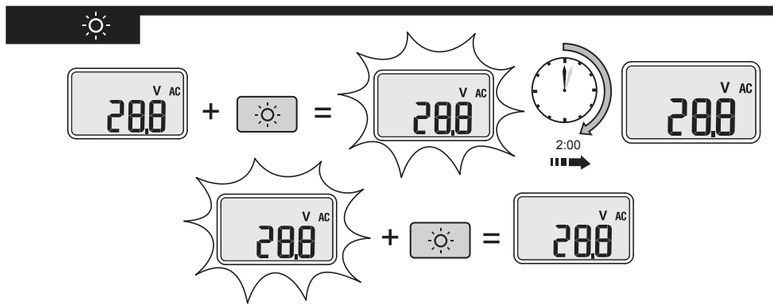
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OFF



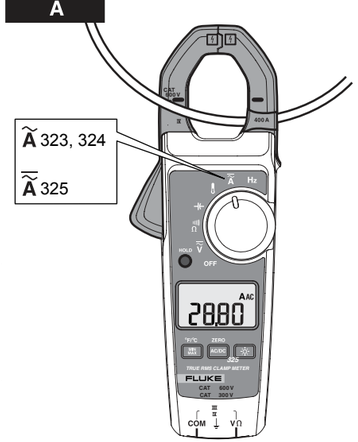
323 HOLD + ON = 888,8 + HOLD = PoFF =

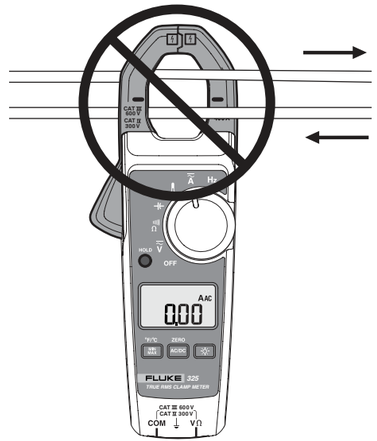
324/325 MIN MAX + ON = 888,8 + HOLD = PoFF =



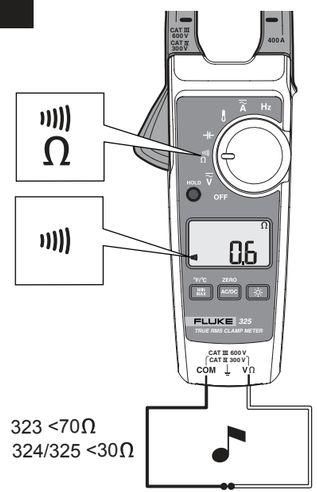
MIN MAX + ON = 888,8 + = LoFF = 2:00

A

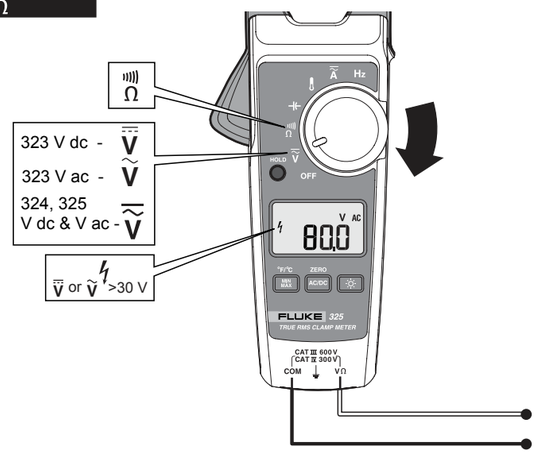


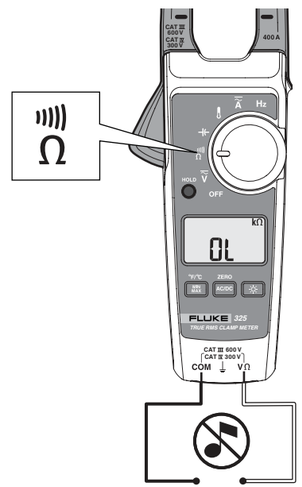


Ω

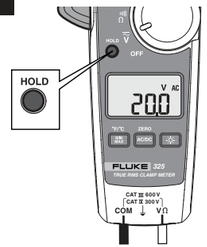


Ṽ V̿ Ω

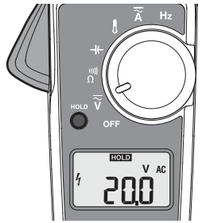




HOLD



20 V

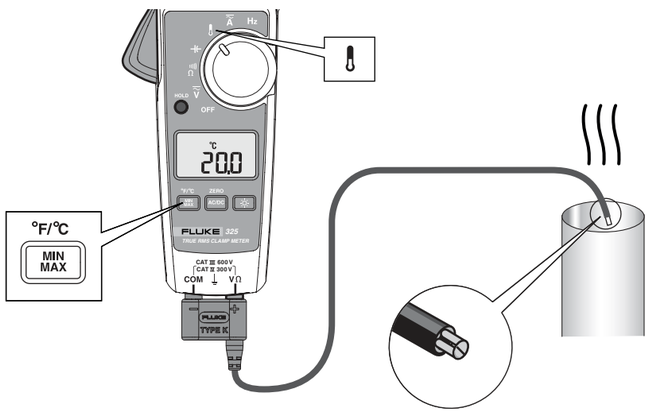


>30 V

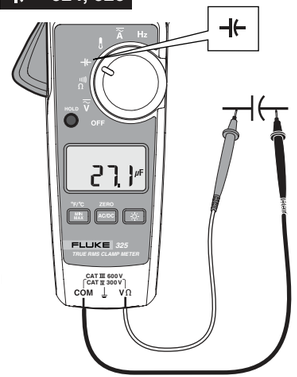
AC/DC & ZERO



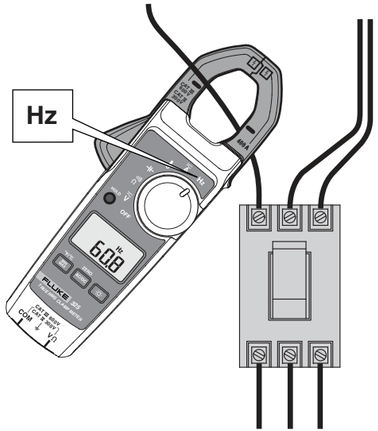
324, 325

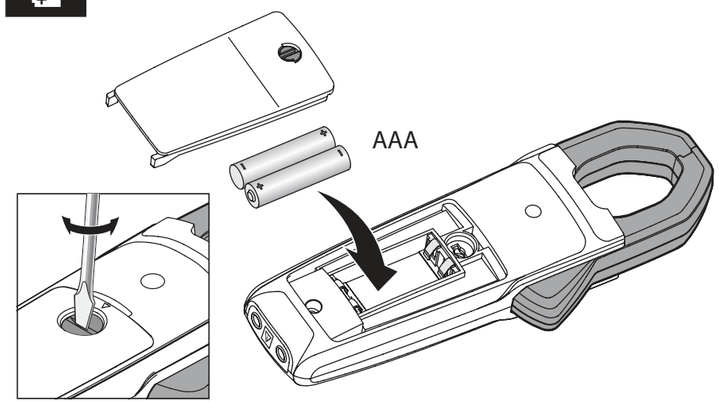


324, 325



Hz 325





Specifications

Electrical Specifications

AC Current (Jaw)

Range	323	400.0 A
	324, 325	(40.00, 400.0) A
Resolution	323	0.1 A
	324, 325	(0.01, 0.1) A
Accuracy	323, 325	2.0 % ±5 digits (45 – 65 Hz) 2.5 % ±5 digits (65 – 400 Hz)
	324	1.5 % ±5 digits (45 – 400 Hz)

Note: Add 2 % for position sensitivity.

DC Current with Jaw (325)

Range	(40.00, 400.0) A
Resolution	(0.01, 0.1) A
Accuracy	2.0 % ± 5 digits

AC Voltage

Range	600.0 V
Resolution	0.1 V
Accuracy (45 – 400 Hz)	1.5 % ± 5 digits

DC Voltage

Range	600.0 V
Resolution	0.1 V
Accuracy	1 % ±5 digits

Resistance

Range	323, 324	(400.0, 4000) Ω
	325	(400.0, 4000, 40000) Ω
Resolution		(0.1, 1, 10) Ω
Accuracy		1 % ±5 digits
Continuity Beeper		
	323	≤70 Ω
	324/325	≤30 Ω

Capacitance (324, 325)

Range	(100.0, 1000) µF
Resolution	(0.1, 1) µF
Accuracy	1 % ±4 digits

Frequency with Jaw (325)

Range	5.0 to 500.0 Hz
Resolution	0.1 Hz
Accuracy	0.5 % ±4 digits
Trigger Level	5 to 10 Hz, ≥10 A 10 to 100 Hz, ≥5 A 100 to 500 Hz, ≥10 A

Contact Temperature (324, 325)

Range	-10.0 °C to 400.0 °C
Resolution	0.1 °C
Accuracy	1 % ±8 digits

Note: Temperature uncertainty (accuracy) does not include error of the thermocouple probe.

Mechanical Specifications

Size (L x W x H)	(207 x 75 x 34) mm
Weight	
323	265 g
324	208 g
325	283 g

Environmental Specifications

Operating Temperature	-10 °C to +50 °C
Storage Temp	-30 °C to +60 °C
Operating Humidity	Non Condensing (≤10 °C) ≤90 % RH (at 10 °C to 30 °C) ≤75 % RH (at 30 °C to 40 °C) ≤45 % RH (at 40 °C to 50 °C) (Without Condensation)
Operating Altitude	2000 meters
Storage Altitude	12,000 meters
EMI, EMC	
Electromagnetic Compatibility	Applies to use in Korea only. Class A Equipment (Industrial Broadcasting & Communication Equipment) [1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to beused in homes.
Temperature Coefficients	Add 0.1 x specified accuracy for each degree C above 28 °C or below 18 °C
Over Voltage Category	CAT IV 300 V, CAT III 600 V
Safety Compliance	EN/IEC 61010-1, Pollution Degree 2 EN/IEC 61010-2-032 EN/IEC 61010-031:2002/A1:2008 CE
Agency Approvals	Complies with CAN/CSA-C22.2 No. 61010-1, 2nd edition, including Amendment 1.,
IP Rating	IP 30 Per IEC 60529:2001; Non-operating
Batteries	2 AAA, NEDA 24A, IEC LR03