

# FLUKE®

## 333, 334, and 335 Clamp Meter

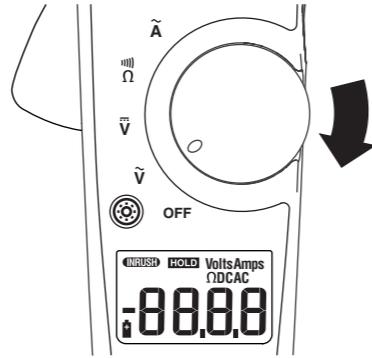
Instruction Card

### ⚠ Warning

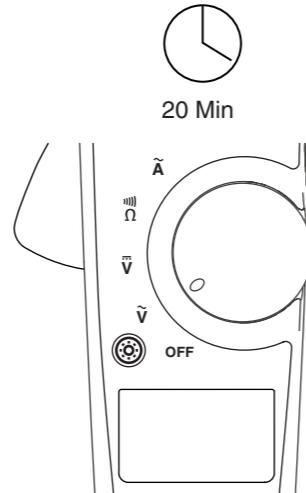
Read the 333, 334, 335, 336, 337 Clamp Meter Safety Sheet before using this meter.

- Lisez la fiche de sécurité 333, 334, 335, 336, 337 Clamp Meter Safety Sheet avant d'utiliser cet appareil.
- Prima di usare questo strumento, leggere il documento 333, 334, 335, 336, 337 Clamp Meter Safety Sheet.
- Vor der Verwendung des Meßgeräts die Sicherheitsinformationen zum 333, 334, 335, 336, 337 Clamp Meter lesen
- Lea la hoja de instrucciones de seguridad "333, 334, 335, 336, 337 Clamp Meter Safety Sheet" antes de utilizar este medidor.
- Leia "333, 334, 335, 336, 337 Clamp Meter Safety Sheet" antes de usar este medidor.
- Lees het 333, 334, 335, 336, 337 Clamp Meter Safety Sheet voordat u deze meter gebruikt
- Les 333, 334, 335, 336, 337 Clamp Meter Safety Sheet for måleinstrumentet tas i bruk.
- Man skal læse "333, 334, 335, 336, 337 Clamp Meter Safety Sheet" inden man tager instrumentet i brug.
- Lue 333, 334, 335, 336, 337 Clamp Meter Safety Sheet ennen tämän laitteen käyttöä.
- Läs säkerhetsdatabladet "333, 334, 335, 336, 337 Clamp Meter Safety Sheet" innan du använder detta instrument.
- 本器を使用する前に、333, 334, 335, 336, 337 Clamp Meter SafetySheet (333, 334, 335, 336, 337 クランプ・メーターの安全シート)をお読みください。
- 이 계기를 사용하기 전에 333, 334, 335, 336, 337 Clamp Meter Safety Sheet 를 읽으십시오.
- 使用本儀表前請先閱讀 333, 334, 335, 336, 337 Clamp Meter Safety Sheet 。
- 使用本仪表前请先阅读 333, 334, 335, 336, 337 Clamp Meter Safety Sheet
- โปรดอ่านแผ่นข้อมูลเพื่อความปลอดภัย 333, 334, 335, 336, 337 Clamp Meter Safety Sheet ก่อนที่ท่านจะใช้มิเตอร์นี้

### On/Off

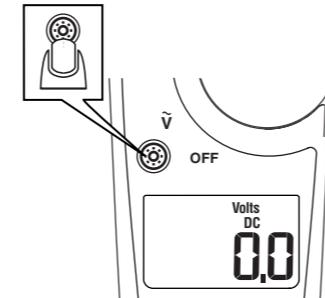
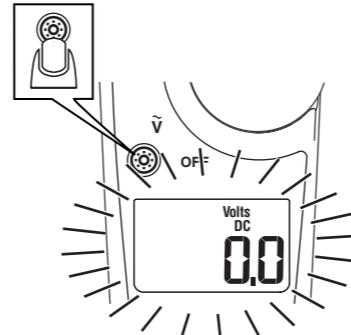


### Automatic Off



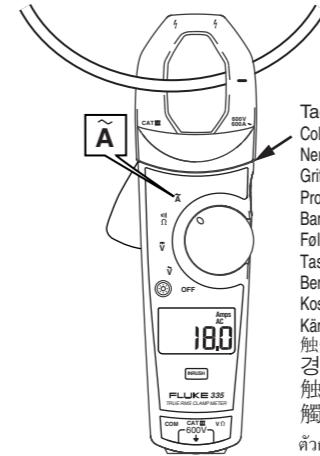
### Backlight

334,335

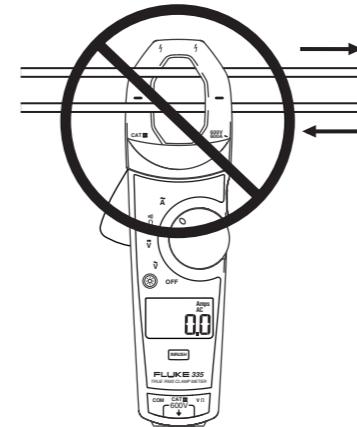


### ~

Fluke 333 0 - 400 A  
Fluke 334, 335 0 - 600 A



Tactile Barrier  
 Collettere di protezione (Fem.)  
 Nervatura di sicurezza  
 Griffschutz  
 Protección dactilar  
 Barreira tátil  
 Følebarriere  
 Tastbare barriere  
 Berøringsgrensen  
 Kosketuseste  
 Känselförriär  
 触知バリアー  
 경계선  
 觸摸隔層。  
 觸覺屏障  
 ตัวกั้นบอกระยะปลอดภัย



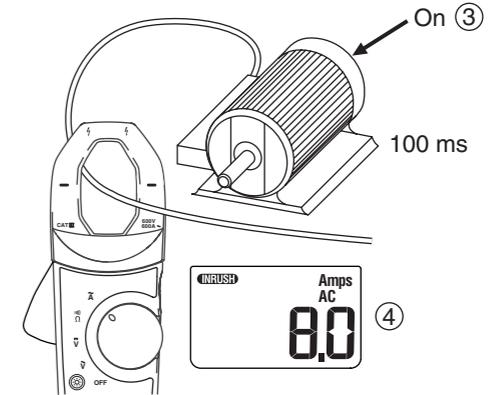
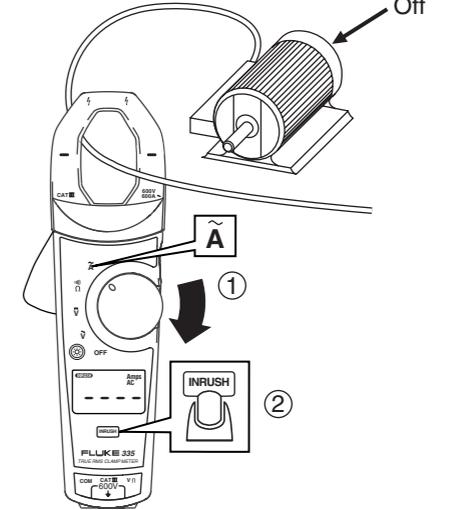
### Currents Cancel

Les courants s'annulent. Le correnti si cancellano,  
 Ströme abrechen, Se cancelan las corrientes,  
 Cancelamento de correntes, Stromen compenseren  
 elkaar, Strømutfjævning, Strømstyrkeannullering  
 Strømstyrker udbalancerer, Virta pois, Avbryt strøm  
 電流のキャンセル, 전류 상쇄, 電流互相取消,  
 電流互相取消, ยกเลิกกระแสไฟ

### Inrush Current

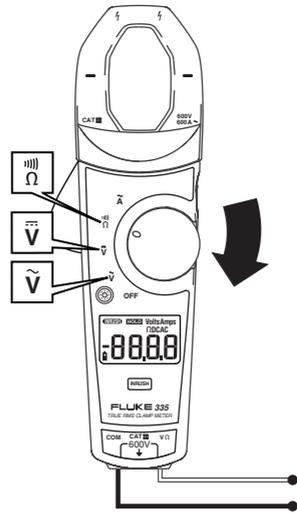
Appel de courant, Corrente di spunto,  
 Einschaltstoßstrom, Corrente de entrada, Corrente  
 de partida, Inkomende stroom,  
 Innkopplingsstrømspiss, Sekundær  
 tomgangsstrømstyrke, Tasoitettu virta, Inström,  
 突入電流, 유입 전류, 湧流, 湧流, กระแสไฟพุ่ง

(334,335)

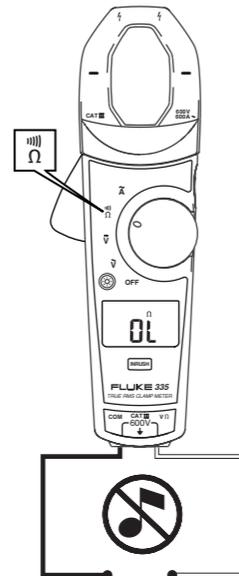
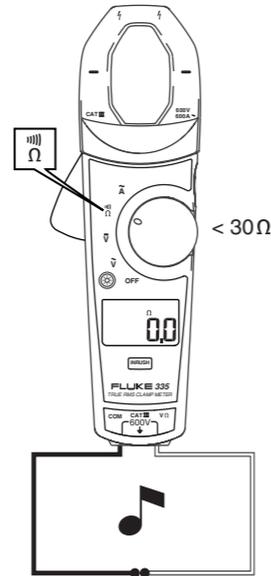


## V, Ω

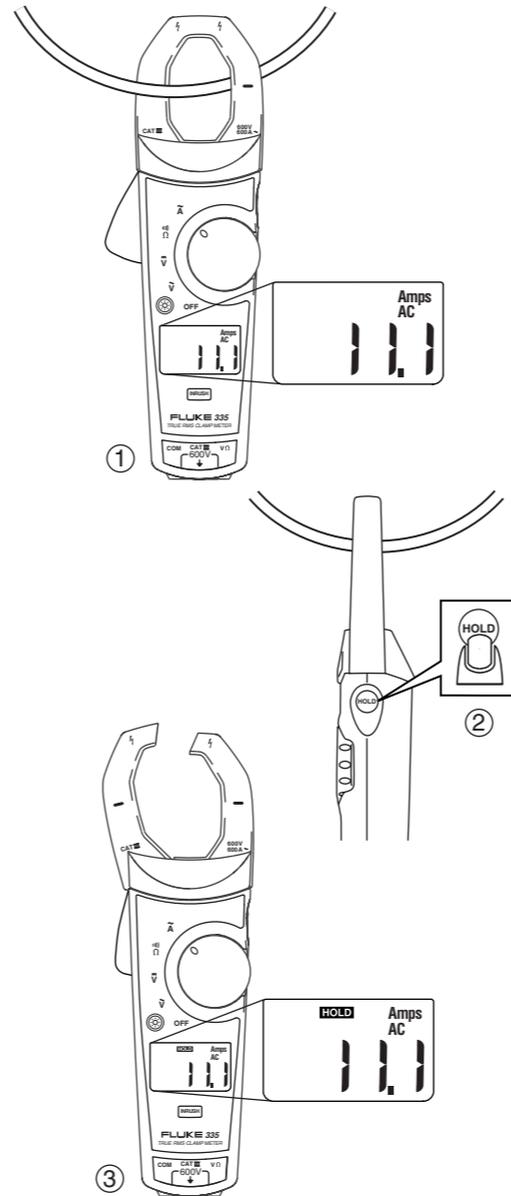
0 - 600.0 V ac  
 0 - 600.0 V dc  
**333** 0 - 600.0 Ω  
**334, 335** 0 - 6000 Ω



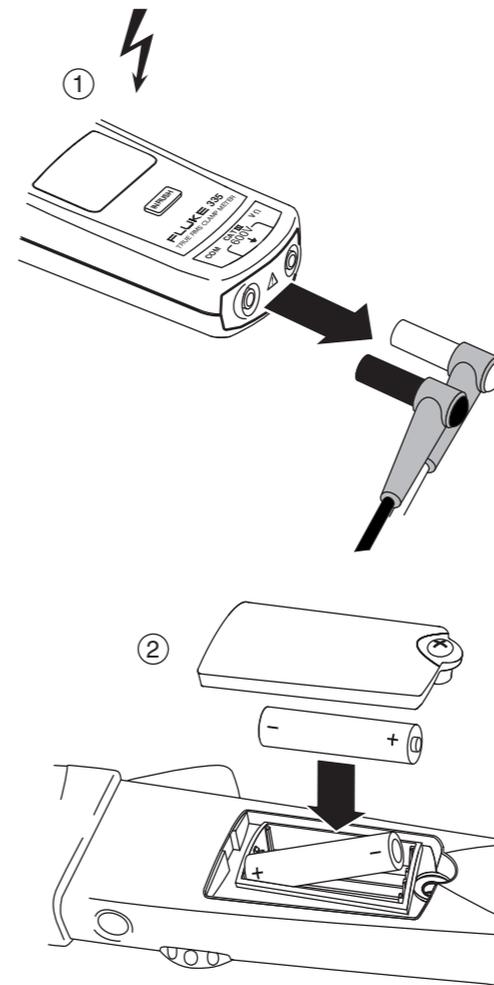
## Continuity



## Hold



## Battery Replacement



## Specifications

| * @ 23 °C ± 5 °C, 0 - 90% RH   |   | 333              | 334                         | 335                        |
|--|---|------------------|-----------------------------|----------------------------|
| ~<br>A (50/60 Hz)  | Range   | 0 - 400.0 A      | 0 - 600.0 A                 |                            |
|  | Accuracy  | 2 % ± 5 counts   |                             |                            |
|  | Crest Factor<br>add 2% for<br>CF > 2  | —                |                             | 2.4 @ 500 A<br>2.0 @ 600 A |
|  | AC Response   | Avg              |                             | rms                        |
| Inrush   | Integration Time  | —                | 100 ms                      |                            |
| ~<br>V, V  | Range   | 0 - 600.0 V      |                             |                            |
|  | Accuracy  | 1 % ± 5 counts   |                             |                            |
| Ω  | Range   | 0 - 600.0 Ω      | 0 - 600.0 Ω<br>600 - 6000 Ω |                            |
|  | Accuracy  | 1.5 % ± 5 counts |                             |                            |
| Continuity   |  | ≤ 30 Ω           |                             |                            |
| Storage Temperature  |   | -40 °C to 60 °C  |                             |                            |
| Operating Temperature  |   | -10 °C to 50 °C  |                             |                            |
| Altitude   |   | 2500 m           |                             |                            |
| EMC - instrument unspecified for use in EMC field ≥ 0.5 V/m  |   |                  |                             |                            |
| <b>CAT III 600V, pollution degree II:</b><br>CAT III equipment is designed to protect against transients in equipment in fixed - equipment installations, such as distribution panels, feeders and short branch circuits, and lighting systems in large buildings. |   |                  |                             |                            |
| * < 18 °C, > 28 °C add 0.1 x (specified accuracy)/ °C  |   |                  |                             |                            |