

Earth leakage clamp

NI 333

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Earth leakage clamp

At first, the NI 333 looks like a normal current clamp. Nevertheless, the special integrated technique of the jaw enables the user to measure very low or differential currents. The NI 333 is designed with an ergonomic housing with a wide jaw (opening). With this jaw, conductors up to 30 mm can be measured easily.

The jaw of the clamp is very sensitive, yet very well isolated. This enables the user to measure not only within the standard frequency of 50/60 Hz, but also at higher frequencies. In order to filter the disturbance of high frequencies, a special filter has been developed. This widens the range from 40Hz up to 1kHz. All measured values are displayed on the LCD screen.

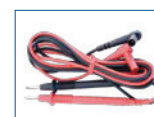
Features

- Auto power off
- Data hold
- High accuracy
- Relative measurement
- Wristband

Including



Bag



Test leads

+ Manual
+ Batteries

Specifications

| Function | Range | Accuracy |
|------------|-----------------|---------------|
| Voltage | 0,1V...400 V AC | (± 2,0% + 4d) |
| Current | 10µA...60 A AC | (± 2,0% + 5d) |
| Resistance | 0,1 Ω...400 Ω | |

| Specifications | |
|----------------------|------------------------------|
| Overtoltage category | CAT II 600V / CAT III 300V |
| Display resolution | 3999d |
| Max. jaw opening | |
| Max. conductor size | 30 mm. |
| Standard | EN 61010-1 |
| Dimensions | 210 x 70 x 40 mm. |
| Weight | ± 230 gram (incl. batteries) |