

---

# 1 Overview

## DESCRIPTION

The CP150 uses a combination of Hall effect and transformer technology which enables measurements to be made on AC, DC and impulse currents. It has a 10 MHz bandwidth and is designed to measure continuous peak currents up to 150 Amp.

The probe can be used with a Waverunner™, LC or WavePro™ series oscilloscope with firmware 8.6.0 or higher. With the ProBus interface, the CP150 becomes an integral part of the oscilloscope. The Auto Zero and Degauss functions are all controlled from the oscilloscope front panel. The oscilloscope provides power to the probe, so no external power supply is needed.

## KEY FEATURES

- Highly accurate current measurements
- Easy current measurements
- Large opening for high current measurements.
- Compact
- Over-current protected

## CONVENTIONS USED IN THIS MANUAL

The following conventions may appear in this manual:

### **Note**

*A Note contains information relating to the use of the product.*

### **CAUTION**

*A Caution contains information that should be followed to avoid possible damage to the instrument or the device under test.*

### **WARNING**

*A Warning alerts you to a potential hazard. Failure to adhere to the statement in a WARNING message could result in personal injury.*

The following symbols may appear on the product:



**CAUTION: Refer to  
accompanying documents**

This refers you to additional information contained in this manual.  
The corresponding information in the manual is similarly denoted.



**CAUTION: Risk of electric  
shock**

This is a reminder that high voltage may be present and that  
appropriate caution should be taken.



This is the symbol for earth ground.

### ACCESSORIES

Certificate of Calibration

Instruction Manual.

CP150-OM-E

###