



## New Products



### M151-06-0632 AC Ripple Tester \$229.00

**Our new AC Ripple Voltage Tester is designed to provide rebuilders with fast accurate and precise AC Ripple Voltage readings on any kind of alternator.**

#### **Why It Works:**

The DC voltage input is filtered and removed to let only the AC portion of the signal reach the amplification section. Once amplified the signal is fed into the microprocessor for a calculation of the average value of the AC wave.

#### **Simple Operation:**

Connect the **Red** Alligator Clip to the alternators battery post.

Connect the **Black** Alligator Clip to ground

The blinking LED indicates that you have the power on.

As soon as 0.1 of ripple is valid, the first LED becomes solid red.

Other LED's will light up for each 0.1V increment, so total displace will show 1.0V ripple range.

#### **Warning:**

Never disconnect the battery from the test bench during the test as this might damage the alternator's regulator, your test bench or the ripple tester.

#### **Parameters:**

Working Voltage Input - 6 Volts to 24 Volts DC

Maximum Input Voltage - 36 Volts

Maximum Current Consumption - 225mA

Frequency Response - 50Hz to 16KHz (Sine Wave)

#### **Important Facts:**

Each alternator has a different ripple voltage chart. This being said, one thing remains constant and that is that in a low load condition the ripple voltage is the minimum and in a fully loaded alternator the ripple voltage is the highest. Also, it's important to take into consideration that test results might vary between different test benches...because things like wire length, battery condition, etc. will affect results. That is why we recommend hooking the tester directly to the alternators positive and negative terminals.



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