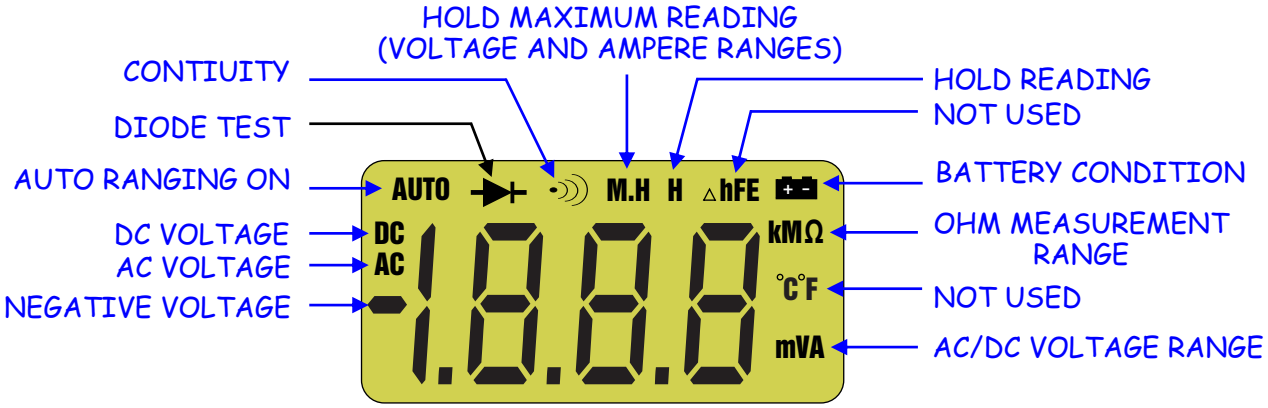
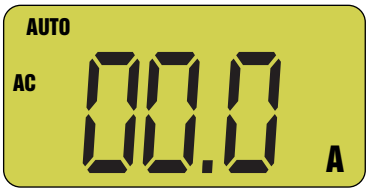
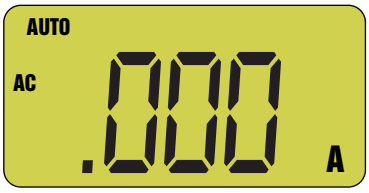
USING A CLAMP ON AMP/MULTIMETER PART 2
MEASUREMENT SELECTION

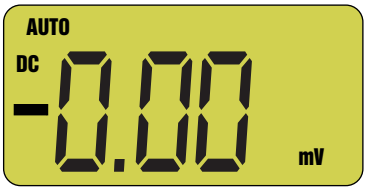


This is the range of settings for measuring current in AMPERES.





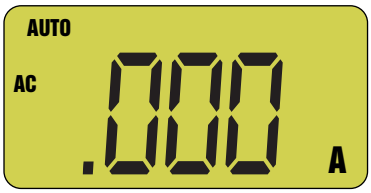
This is the range of settings for measuring DC voltage. The symbol for **DC volts is V⎓** .



This button will hold the maximum reading for all voltage and current tests and is very useful for motor testing.

This button will hold the current reading

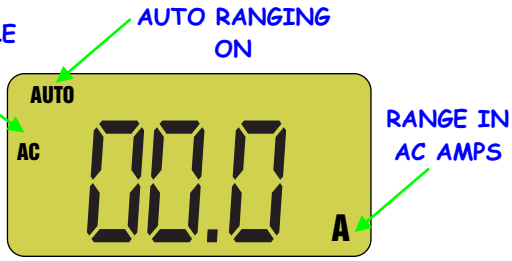
USING THE AC CURRENT SCALES

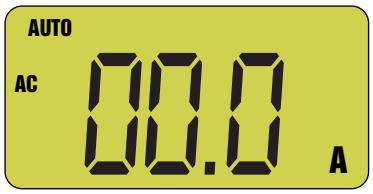


This is the setting for the range of 2-20 AMPS AC

AC CURRENT: AUTORANGING
2-20 AMPS AC
200-400 AMPS AC

This is the range of settings for measuring current in AMPERES.





This is the setting for the range of 200-400 AMPS AC

STEP 1:
Set the scale for the AMP measurement you desire, then open the jaws of the meter by pressing on the lever. Slide the jaws over the SINGLE wire that the current you want to measure is flowing

STEP 2:
Allow the jaws to close around the wire. Be sure that the jaws "snap" together and are **IN CONTACT** with each other. If they are not closed completely, inaccurate readings will result.

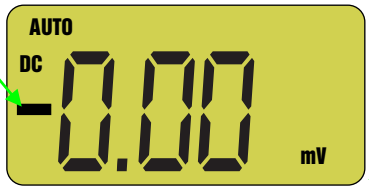
USING THE DC VOLTAGE SCALE

CHECK THE METER LEADS BY SELECTING THE CONTINUITY OR RESISTANCE MODE AND TOUCHING THE METER LEADS TOGETHER. THE READING SHOULD BE ZERO OR JUST A FEW OHMS. BE SURE POWER IS ON BEFORE TESTING FOR DC VOLTAGE. WHEN RUNNING THE TESTS SHOWN HERE THE COLORED ARROWS INDICATE WHERE THE TIPS OF METER LEADS SHOULD BE PLACED. THE POSITION OF THE RED AND BLACK LEADS ARE INTERCHANGEABLE.

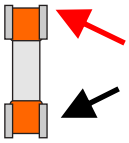
THE MEANING OF THE NEGATIVE SYMBOL

DC voltage and current measurements are polarized. This means they have a positive +, and negative pole- .The poles of the voltage source being measured are easily identified using the meter's DC setting. When you connect the meter leads to the voltage source the red lead would normally go to the positive source and the black go to the negative. If the negative symbol lights up it indicates that the voltage at the source is the opposite polarity than what the meter is set for. This feature is valuable for identifying the polarity of power supplies and batteries.

This is the range of settings for measuring DC voltage.
The symbol for **DC volts is V⎓** .



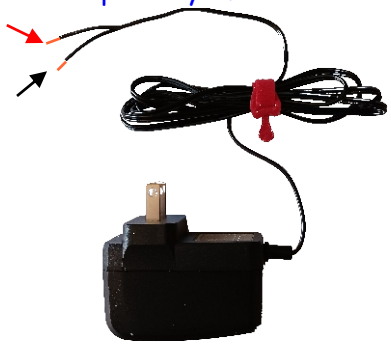
TEST #1
fuse condition



Reading should be close to 0 Volts when the fuse is good and the power supply voltage if it's blown.

TEST #2
VOLTAGE AND POLARITY OF A POWER SUPPLY

Plug in the power supply and place the meter leads on the wires. The voltage will appear. If the negative symbol doesn't light up then the red lead is on the positive and black lead is on the negative. If the negative symbol lights up then the polarity of the



TEST #3
voltage present at contactor coil

Determine whether the contactor is DC and be sure that it should be energized while taking the voltage test. The voltage reading should be close to the rated voltage for the contactor coil.

STOP PAYING TO HAUL SEPARATOR WATER

REPLACE THAT ZEROWASTE OR GALAXY

SAHARA II

SEPARATOR WATER MISTER

SO RELIABLE, YOU'LL FORGET IT'S EVEN THERE

$2,295

*MODELS FOR PERC SLIGHTLY HIGHER

2 YEAR TOTAL WARRANTY

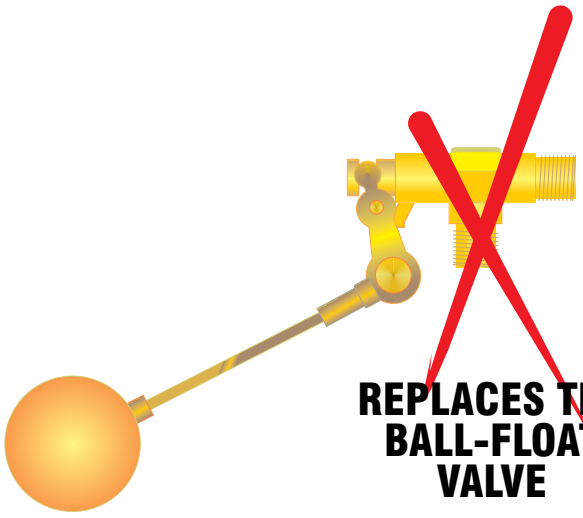
Easy installation all parts included

Complies with environmental regulations

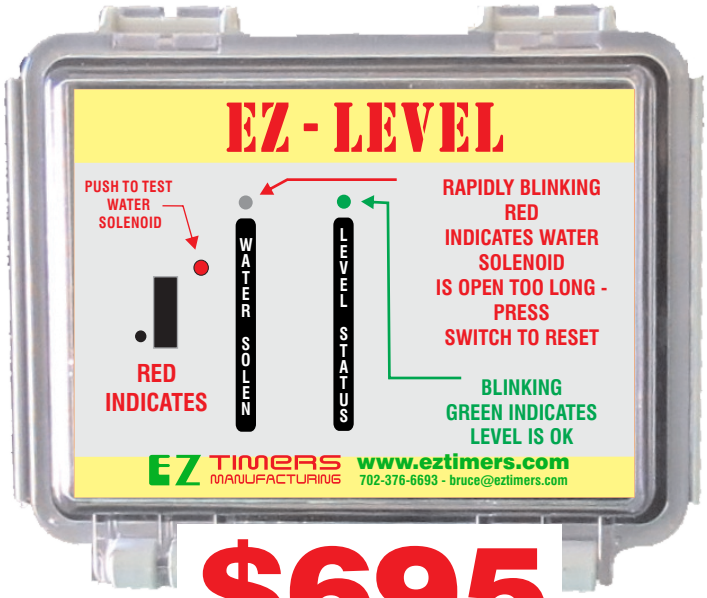
No costly filter cartridges uses inexpensive granulated carbon

EZ - LEVEL

ELECTRONIC LEVEL CONTROL



REPLACES THE BALL-FLOAT VALVE



$695

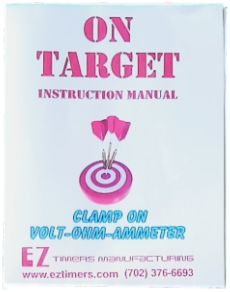
*REQUIRES 24 VAC SOLENOID

END THOSE TROUBLESOME BALL FLOAT VALVE HASSLES

Reduce boiler down time
Reduce water costs
Reduce sewage costs
Reduce boiler scaling
Reduce piping damage
Reduce service calls

ON TARGET

CLAMP ON AMP/MULTIMETER KIT



INSTRUCTION MANUAL

LONG INSULATION PIERCING PROBE

AUXILIARY LEADS

ALLIGATOR CLIP

WIRE GRABBER

GENERAL USEAGE METER LEADS

ROBUST CARRYING CASE
*cases may vary

$180

ON TARGET
CLAMP ON AMP/MULTIMETER