



**High Voltage  
Test Business**

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## **Hipotronics X-Wave Portable Sectionalizer Main User and Safety Features**

**Trans-reflective LCD with Backlight** – The X-Wave is equipped with a trans-reflective LCD display with a built in backlight for easy viewing under all lighting conditions including direct sunlight. This type of display reflects sunlight making it more visible and a back light which is always on, adds enough light for viewing while in darker areas such as mines or during the night.

**Gravity Operated Spring Assisted Solenoids** – The X-Wave uses gravity operated spring assisted solenoids which ensure that solenoids are down and grounded when not in use. This design ensures reliable operation of the entire solenoid bank.

**Intuitive Step-by-Step Instructions** – The X-Wave will guide the user through a full test sequence from Hipot, Low Voltage TDR, High Voltage TDR, and Cycle modes automatically allowing for minimal training time and maximum operator confidence when operating the X-Wave.

**Light Weight** – The X-Wave weighs in at 48lbs which is under OSHA's recommended limit for one man carry.

**USB Port** – The X-Wave is equipped with a USB Port for easy download of wave forms and stored data.

**Grounded Front Panel** – The front panel of the X-Wave is securely grounded making the unit safe to operate without high voltage PPE such as gloves. The X-Wave was however designed with operators who must use gloves per company rules and regulations due to its large easy to push function buttons, large emergency off button, and large selector knob.

**Water Resistant Case** – The X-Wave was designed to be used when it is needed, even in times of inclement weather. The front panel of the X-Wave is sealed from the elements and is water resistant.

**Ventilated Front Panel** – The X-Wave is designed to be charged via its external charger with the case open. Hipotronics, Inc has installed a water resistant vent on the front panel to dissipate any battery gases that are expelled during charging of the batteries.

**Shielded Output Cable with Isolated Return** – The X-Wave is equipped with a tri-ax shielded output cable with isolated return for added safety. The potential for shock from a static build up is eliminated by use of the shielded tri-ax cable. The return isolated from ground further protects the operator by eliminating the potential for shock during the unlikely event of equipment malfunction.