



TINITRON Inc.

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High Voltage Test Unit

Measures the high voltages and currents found in ROV deck and umbilical cables

The Tinitron Inc. Model 149-5106-00 High Voltage Test Unit provides a safe means of measuring the high voltage and currents found in ROV deck and umbilical cables. Voltage is measured from the secondary side of a potential transformer that reduces the high voltage (up to 4000VAC) on the cable to 1/10th (up to 400VAC) so it can be measured at the test jacks with a standard DMM (not included).

In addition to the jacks, three lights provide an indication of high voltage being present in the box. Current is measured by placing a clamp-on ammeter around any of the three loops provided on the top of the box. The box is self-contained and requires no additional power; simply attach the cables to the transformer or ROV end of the cable and begin making measurements.

