

TAG[®] 5000

Wireless Phaser

The TAG-5000 Wireless Phaser is designed to perform many of the existing functions of conventional voltmeter/phaser (typically called 'phasing sticks') devices. However, the TAG-5000 uses state-of-the-art technology to eliminate the cord and lighten the weight of this important testing equipment.

The major advantage of the TAG-5000 is the lack of connecting cord between the two sides of the open point, which makes it easier to operate than the voltmeter/phaser equipment. Since the units communicate via radio signals, the range of operation is extended to nearly 35 feet, and can operate through walls or partitions.

Also, the lightweight units (weight of 1 pound each for the transmitter and receiver) improve the ease of use. One man can comfortably operate both instruments safely.

The primary application of the TAG-5000 may be for the difficult situations that existing voltmeter/phasers are not well suited for. The TAG-5000 is ideal for use at higher voltages where safety and ease of use are of prime importance. Also, the units will operate through walls and metal enclosures that may cause problems with conventional equipment.

The TAG-5000 consists of two units. The first is a combination voltage detector and transmitter that first confirms that the line is energized, then sends a signal in relation to the phase of the conductor. The second is a receiver unit that picks up the signal from the transmitter, then signals the user when the conductors being tested are in phase.

In operation, the TAG-5000 transmitter is used first on all lines to confirm that they are energized by emitting a beeping tone and flashing light when the unit contacts the lines. The transmitter is then placed on one side of the open point and left in place. The receiver unit is now placed on the conductor(s) on the other side of the open point until it makes contact with the line that is at the same phase as the transmitter. At this time, the receiver sends both an audible and visual (emits a steady tone and red LED lights turn on) signal to show that the conductors are in phase.

The TAG-5000 is provided with a metal carrying case and overhead probes as a standard kit.



SPECIFICATIONS*

Voltage Design Range: 4kV to 230kV (phase-to-phase)

Power Supply: 9 Vdc alkaline battery in both receiver and transmitter unit.

Dimensions: Receiver - 8.5" L x 3.3" D (22cm x 8cm).
Transmitter - 8.5" L x 3.3" D (22cm x 8cm).

Weight: Receiver - 1 lb (.45 kg) • Transmitter - 1 lb (.45 kg)

Radio Transmission Capability: 35 feet (10 meters) when the transmitter and receiver are connected to metallic lines.

Hotstick Connection Method: A universal spline is built into the polycarbonate housing of both the receiver & transmitter unit.

Carrying Case: Metal carrying case is included with the units.

Dimensions: 15.3" x 10.0" x 4.3" (39cm x 26cm x 12cm)

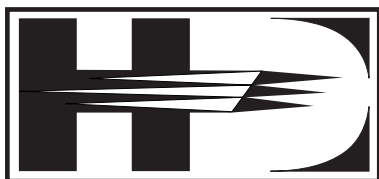
Weight: 5 pounds, 6 ounces (2.4 kg).

Probes: Hook Probe (for Transmitter) - 4" L x 2.5" Opening (10cm x 6cm)
Y Probe (for Receiver) - 2" L x 2" W (5cm x 5cm).

ORDERING INFORMATION

| | |
|-----------------|---|
| TAG-5000 | TAG-5000 Wireless Phasing Kit; Includes receiver and transmitter units, overhead probes, and carrying case. |
|-----------------|---|

*Specifications are subject to change without notice.



TM

HD ELECTRIC COMPANY

1475 LAKESIDE DRIVE • WAUKEGAN, ILLINOIS 60085 U.S.A.

PHONE 847.473.4980 • FAX 847.473.4981 • website: www.HDElectricCompany.com

Printed in U.S.A. Bulletin No. TAG-5000 © HD Electric Company 2005