

DIVISION OF TINKER & RASOR

Detectron®

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MODEL 501-C INDUCTION CLAMP For use with 505 Locator

Gives superior tracing and locating abilities.



Use with Model 505 Transmitter

Isolate and ID Pipes & Cables in complex underground systems

Will not "Air Couple" to Receiver

Fits conductors up to 4.5" (114.3mm) diameters

Waterproof and Sealed Cable

AVAILABLE FROM STOCK!

Distributed by



www.detectron.com

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Tinker & Rasor quality is found in our products, our people and our customer service.



PRODUCT DATA SHEET

MODEL 501-C INDUCTION CLAMP

Features:

- Fully insulated and waterproof
- Sturdy spring hinged handle for rough field duty
- Fits a wide range of conductor diameters
- Fits single wires diameters to 4.5" (114.3mm)
- Some with 15' of connecting cable

Construction:

Strong plastic resin protecting an electromagnetic core.

Applications:

- Use with Model 505 "Go-fer" Pipe & Cable Locator for superior locating and tracing distances

Environment:

°C to °C °F to °F)

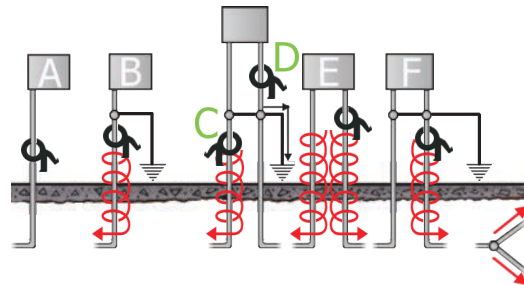
Specifications:

Use with Model 505 Transmitter.
Will not "air couple" with Receiver
1/4-20 Thread allows for extension handle

Dimensions:

Weight: 1.5 lbs. (0.68kg)
Shipping Weight: 3 lbs (1.36 kg)
Shipping Dimensions: 13" x 9" x 7"
(330.2mm x 228.6mm x 177.8mm)

DELIVERY: **Immediately from STOCK**
F.O.B. San Bernardino, CA USA
SERVICE: **24-hour Turn-Around**
TERMS: Net30 Days, on approval of credit
WARRANTY: **90 Days**, parts and labor

501-C Typical Field Applications

A. Induction Clamp used in all tracing methods where conductors are exposed in at least one place and the terminated end is an open circuit.

B. Induction Clamp shown coupled to a terminating end of a trace object, transmitter clamp requires a grounded conductor for a proper current flow through the ground.

C. Induction clamp shown, must be coupled to a conduction in between the ground and the point where the conductor enters the ground.

D. Induction Clamp shown coupled in the **WRONG** place causing the trace signal to return to ground.

E. Induction Clamp shown coupled around a conductor which feeds in two directions creating a current flow to allow tracing in **BOTH** directions.

F. Induction Clamp shown coupled to a conductor with laterals, feeding the full trace signal up to the junction point, (1) which then divides the signal strength into each branch (2).

MODEL 501-C Common Applications