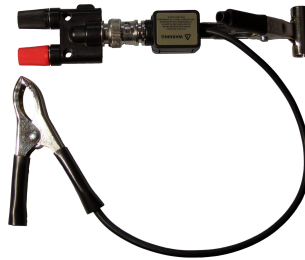


Ignition Pickup TP-IP250



The voltages on the secondary side of an ignition system are too high to be measured directly. To safely measure these signals, the Ignition Pickup TP-IP250 can be used.

The Ignition Pickup TP-IP250 is a capacitive secondary ignition pickup, which can be clamped around a spark plug wire. The pickup has a ground wire with a large alligator clip. The pickup is fitted with a female BNC terminal, a BNC to 4 mm banana adapter is included to connect measure leads with banana terminals.

Safety notice

When using the Ignition Pickup TP-IP250, the following has to be taken into consideration:

The pickup is designed to be used on an instrument with a differential input, like the

- Automotive scope ATS610004D-XMSG
- Automotive scope ATS5004D
- Handyscope HS6 DIFF
- Handyscope HS4 DIFF

The Ignition Pickup TP-IP250 is inverting the signal, the ground wire is connected to the center pin of the BNC and the clamp is connected to the outer shell of the BNC. When using the Ignition Pickup TP-IP250 on a single ended oscilloscope, this can cause a short circuit when the clamp is connected to a point with a different potential than ground.

Specifications

Pickup

Connector	female BNC
Dimensions	
Length	97 mm
Width	25 mm
Height	43 mm
Ground wire	25 cm
Ground clamp	
Length	75 mm
Width	12 mm
Height	40 mm
Clamping range	20 mm
Weight	48 g

BNC to banana adapter

Connector	
Pickup side	male BNC
Cable side	2 x isolated 4 mm banana socket, red and black
Dimensions	
Length	60 mm
Width	30 mm
Height	16 mm
Weight	26 g



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