

Hantek Oscilloscope DSO-3064 by Interequip



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Automotive scopes have come a long way for those of you who still remember the Sun scope. As electrical systems in vehicles become more complicated so can the faults that are encountered on a daily basis.

Most scan tools have a scope or a graphing function built into them but it is graphing data processed by the electronic control unit and underlying problems or

even the control unit itself maybe masking the true fault. This is where a good automotive scope is needed to unravel the mystery. In the modern automotive workshop to capture and analyze raw data you will need a good quality scope.

So here at the Northern Sydney Institute we tool tested the Hantek DSO-3064 scope from Interequip. This is a PC based 4 channel scope that comes with a comprehensive lead kit and amp clamps to cover every aspect of electrical testing.

Once the software was loaded we fired up the scope to see what it could do. The first thing we noticed is this scope is definitely

aimed at those who are quite scope savvy. Those new to automotive scopes will definitely find the scope screen quite overwhelming. There are quite a few options to choose from with two ribbon menus and horizontal, vertical and trigger controls on the right-hand side but, don't worry, there is an auto setup function to get you started.

The vehicle diagnosis setup menu offers quite a bit with a cascading menu of practical scope measurements such as primary ignition voltage and current. When selected it will set the scope up for you and display a sample waveform but, unlike other products on the market, it doesn't tell

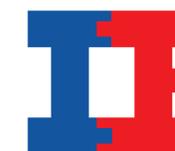


you how to connect the scope to the car.

When using the scope, you need to power the unit up from an external power source and connect it to your PC via a USB port. This package is littered with features and more time spent familiarizing and using the scope will no doubt be rewarding. There is a great selection of ignition test leads for testing both the primary and secondary sides of an ignition circuit. The amp clamps in their distinctive blue cover both high and low current draw testing from alternator output to fuel pump current testing and the handy acupuncture needles that are supplied in the kit make back

probing wires hassle free.

This is definitely not a scope for the faint hearted so I'm off to do some scoping myself to see what else this scope can do.



For more information on the 4 channel Hantek scope contact Interequip on 1800 037 847 or 18000 EQUIP, visit interequip.com.au or send an email at info@interequip.com.au