

Earth Testing Leads

Pacific Test Duo-Earth Reels & Mono-Earth Reels



Most earth testers are supplied with test leads which are either too short for Australian soil conditions or are impossible to re-roll conveniently and neatly.

Earth resistance testing requires two leads of unequal length between remote test stakes and the instrument.

In good soil conditions test leads must be a minimum of 25m and 50m to ensure test stakes are outside the potential gradient area.

In poor soil conditions these distances must be increased to at least 50m and 100m and in some situations up to 300m.

Unique design simplifies run-out and rewind

Pacific Test Duo-Earth reels wind both leads onto a single reel. The user pulls out the long lead and at the halfway point the short lead follows the long lead. When fully unwound, the long lead is connected to the auxiliary (current) stake and the short lead is waiting at the mid point for connection to the potential stake.

Winding up is equally simple. Both leads are wound in together until the end of the short lead arrives at the reel where it is re-attached to the long lead with a Velcro strap. Winding in of the long lead is then completed.

All Duo-Earth Reels and Mono-Earth Reels up to 200m are fitted with safety shrouded banana plug sockets mounted in the reel hub. Banana plug leads are included to connect the reel to the instrument.

Mono-Earth reels of 250 and 300m are supplied on Ruslyn reels with flying lead connection to the instrument.

Duo-Earth Reels are available in 50/25 metre, 100/50 metre or 100/62 metre. Standard colours are Red long lead and Blue short lead. Other colours are available to order.

Mono-Earth Reels are available in 25, 50, 100, 150, 200, 250 & 300m. Standard colours Red, Blue, Green & Black. Other colours are available to order.

We can also manufacture custom test reels to suit specific requirements.