

TEKOMO PRO SLOPE CHARGER

James Ashton test drives Tekomo's latest versions of the Pro Slope Charger and gives ten out of ten.

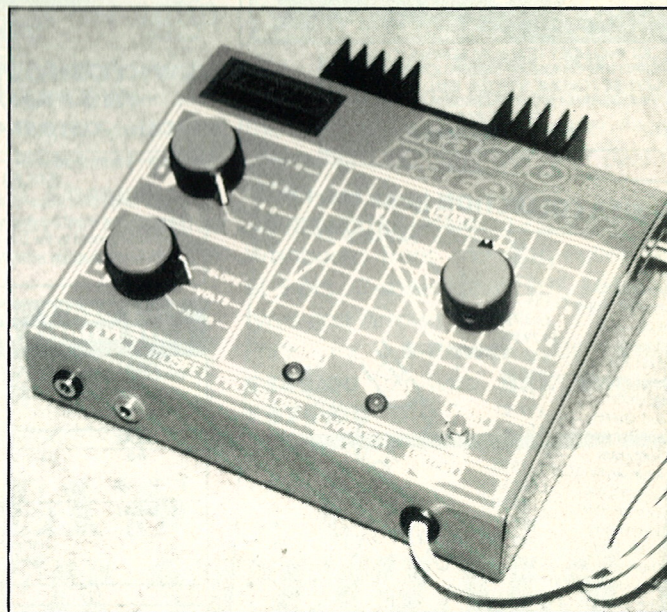
The Tekomo Pro Slope Charger has now been on the U.K. market for over twelve months. During this time it has increased in popularity due to its outstanding quality and durability.

As the name suggests this charger cuts out when a user definable slope voltage is reached. The slope voltage is the voltage drop after the peak, i.e. with a slope voltage of 0.2v the charger will cut out at 0.2v drop after the peak. This method of charging has the advantage that you can be sure that your cells have received as near a 100% charge as you'll ever give them because the peak voltage has been slightly exceeded.

Thanks to the comprehensive amount of current and slope voltage adjustment available, all cells (SC's, SCR's and SCE's) may be charged with equal success. The current is adjustable to either 2.5A, 4A, 5.5A or 7A

and the slope voltage can be set anywhere between 0 and 0.4 volts (using a D.V.M.). The instruction booklet suggests up to 4A for SCE's, 5.5A for SC's and 7A for SCR's. The recommended slope voltages are 0.18v, 2.0v and 0.22v respectively. However this charger is flexible enough for different slope voltages to be tried with correspondingly different results and running characteristics.

Built into the charger are sockets for use with a digital multimeter, by using these three essential pieces of information can be specified. Firstly, the slope voltage at which the charger is set, secondly, the voltage of the battery on charge, and lastly the current input into the battery. Another useful and money-saving idea incorporated into this piece of equipment is a 'soft start' system. This starts the charge at a lower current than selected and gradually increases it to the defined



◉ The Tekomo Pro Slope charger has been around for some time but is still winning races at all levels (ask Jimmy Davis).

radio pack from this one very versatile source.

All In All

At the end of the day it must be said that any piece of equipment is only as good as the results which it achieves. The Tekomo charger is regularly taking drivers into A finals at national and club level, right across the U.K., maybe there should be an extra column in all tech charts naming the type of charger used. If there were you can bet that the name Pro Slope would be there time after time.

We must say that having run the Pro Slope chargers for a few weeks now we are absolutely delighted at the results which we have been getting from them. All readings are spot on and provided your 12 volt is in good working order the Tekomo range of chargers should provide you with season after season of trouble free battery charging, no matter what cell manufacturers come up with next!

For more information see Tekomo's advert in this issue of R.R.C.

rate over the first two minutes. Clever eh! This can be used to greatest effect when charging the inherently delicate 'SCE' type of cell as it is 'kinder' to its internals. The 'Pro Slope' is supplied with heavy duty, thick cored wire and is enclosed in a well presented metal case with a large heatsink attached to it which quickly dissipates any heat generated.

Tekomo Pro Slope Charger 2

You may also like to know that a choice of chargers is now available from Tekomo. A second generation charger with all the outstanding features of the first, plus some of its own is now also available.

Now incorporated into Tekomo's Pro Slope Charger is an inbuilt L.C.D. which tells you exactly what is happening with both your ni-cad pack and your 12 volt battery. The external D.V.M. socket is retained allowing for an external test to be carried out or a secondary monitoring system to be employed. 1.0 or 0.5 Amp charge rates are also now available allowing you to charge both your radio or your

◉ The new Tekomo Pro Plus Slope charger loadsagoodies see text!

