

# GAUGEMASTER



## MODEL LT



### Loco Tester and Transformer Controller available in 'N' and 'OO' versions

Input: Mains (240v A.C.) use 3 amp fuse  
Output: 1 x 12v D.C. at 1 amp controlled  
1 x 16v A.C. at 1 amp uncontrolled for accessories  
Total output rated at 2 amps max  
Measurements: 320mm x 80mm x 100mm (2Kg)

This single output controller is selectable for static testing of a loco on integral, adjustable roller sets or moving tests on layout tracks. The roller assemblies are slid into positions approximating to the loco's axle spacing, the loco is then set carefully down, with each wheel engaging snugly into its roller assembly. With the selector switch set to 'test' the control knob is used to apply power to the rollers. The ammeter will register the power consumption of the loco.

Moving tests under load - gradients, heavy trains etc. - can be made with the selector switch set to 'track' whilst the unit is connected to a layout. In this mode the LT can of course be used as a conventional controller with a full 1 amp available at the 12v D.C. controlled output as well as the 16v A.C. output for accessories.

The controller casing is fabricated from 1.3mm and 1mm thick, stove enamelled steel. The guide rails are in aluminium with brass rollers assembled on steel axles with nylon insulation.

All outputs are protected by positive temperature coefficient cutouts which auto reset when the fault condition is removed. You need to specify 'N' or 'OO' when ordering.

## MODEL COMBI

### Single Track Transformer and Controller for 'N', 'OO' and most small Gauges

Transformer:  
Input: Mains (240v A.C.)  
Output: 1 x 18v A.C. at 1.1 amp

Controller:  
Input: 1 x 18v A.C. at 1.1 amp  
Output: 1 x 12v D.C. at 1 amp controlled  
1 x 18v A.C. at 1 amp uncontrolled for accessories

Measurements: Transformer: 65mm x 80mm x 83mm (500g)  
Controller: 64mm x 46mm x 84mm (100g)

An uncomplicated controller which comes complete with a separate, dedicated transformer plugging directly into a wall socket with a 1.8m lead to plug into the controller.

The **Combi** can be screwed to either a panel or direct to the baseboard. This means that small layouts which have to be put away will not be encumbered with trailing wires & heavy transformers. The casings are made from high impact ABS & the control circuits give the same running characteristics as our traditional controllers.

All outputs are protected by positive temperature coefficient cutouts which auto reset when the fault condition is removed.

The transformer is available separately as model WM1.





# GAUGEMASTER



## MODEL SELECT

A Single Track Transformer Controller for 'N', 'OO' and most Gauges which is designed to maximise the very slow running capability of our control circuits with modern high quality locomotives

Input: Mains (240v A.C.) use 3 amp fuse  
Output: 1 x 12/17v D.C. at either 1 amp or 0.3 amp controlled  
1 x 24v A.C. at 1 amp uncontrolled for accessories  
Measurements: 148mm x 90mm x 115mm (1.7Kg)

Fine speed adjustment on a standard unit is limited by the 300 degree rotation of the control knob from zero to full speed. The **Select** allows this speed range to be restricted with an attenuator knob so that full rotation of the control knob gives very sensitive speed regulation from zero to, say, walking pace or whatever maximum you require for shunting, backing onto a train or other low speed movements.

When the speed reaches the limit imposed by the attenuator knob this can then be rotated to bring the train up to full speed if required. For occasions when a little more power is needed - double heading, long trains, scale running "high speed" trains - the **Select** will give you an additional five volts at the flick of a switch. The extra weight of a long train ensures virtually seamless acceleration to the higher maximum.

The controlled output can be set at either 1 amp, or for 'N' gauge users at 0.3 amp if required.

The controller casing is fabricated from 1.5mm thick, stove enamelled steel.

All outputs are protected by positive temperature coefficient cutouts which auto reset when the fault condition is removed.

## MODEL WM1

### A Wall Mounted Transformer

Input: Mains (240v A.C.)  
Output: 18v A.C. @ 1.1 amps  
Measurements: 65mm x 80mm x 83mm (500g)

A compact 18v A.C., 1.1 amp output transformer for plugging directly into a wall mains socket. It comes with a 1.8m lead terminated with a 2.1mm plug. An appropriate 2.1mm socket, GM79, is available separately. The WM1 is suitable for powering Handhelds, Walkabouts, Panel Mounts and 16v A.C. accessories. The output is protected.



## MODEL 10AMP

### Heavy Duty 10 amp Transformer Controller suitable for G Scale

Input: Mains (240v A.C.) use 3 amp fuse  
Output: 1 x 20v D.C. at 10 amps controlled  
1 x 24v A.C. at 10 amps uncontrolled for accessories  
Maximum overall output 10 amps, including accessories  
Measurements: 205mm x 125mm x 85mm (4Kg)

This heavy duty, 10 amp, fan cooled, single track controller has been built for running heavy, double or triple headed trains on large G Scale layouts.

The controller casing is fabricated from 1.5mm thick stove enamelled steel.

All outputs are protected by cutouts.

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