

RTSE1000

Digital Multi Function Vehicle Information Panel



Features:

- 2.4" colour touch screen.
- Digital speed in MPH or KPM.
- Digital and analogue RPM display.
- Digital and analogue cylinder head temperature (CHT).
- Digital and analogue exhaust gas temperature (EGT).
- Temperature can be displayed in Celsius or Fahrenheit.
- Odometer and resettable trip meter functions.
- Analogue distance gauge can be used as fuel gauge or service interval indicator.
- Powered by vehicle's 12V AC or DC supply.
- Configurable relay output for over temperature and/or RPM protection.
- Peak RPM and temperatures automatically stored.
- Auto dimming function with input from lighting circuit.
- Fully user configurable for colour changes, relay output, warning flashing etc.



The RTSE1000 is a state of the art digital instrument featuring a 2.4" IPS full colour display and a resistive touch screen used for all setup functions. The unit integrates a tachometer, cylinder head temperature (CHT) gauge, exhaust gas temperature (EHT) gauge and a speedometer into one unit. It also includes a distance countdown gauge which can be used as required, for example as a pseudo fuel gauge, or service interval timer etc.

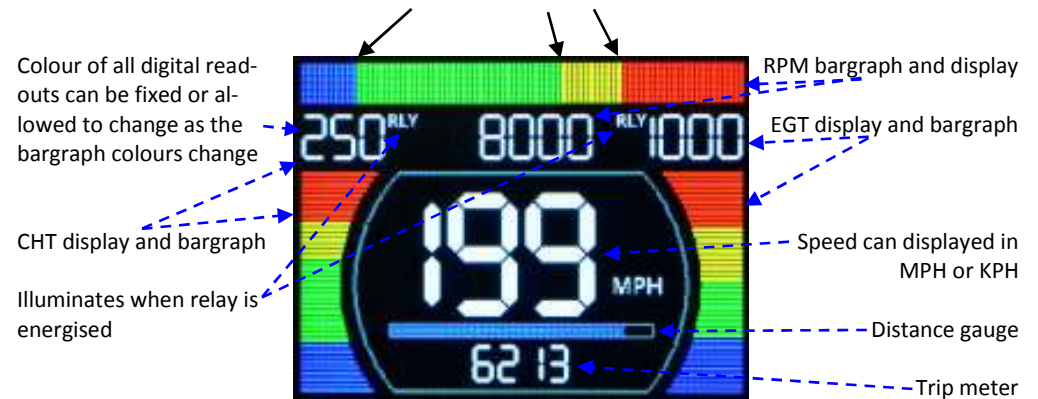
The RPM, CHT and EGT values are displayed simultaneously on both analogue bargraph displays and digital readouts for complete visibility, whilst the current speed is displayed in extra large digits in the centre of the display for easy viewing

Patent Pending.

Configuration options include:

- Bargraphs can be displayed in single or multi colours.
- Configurable bargraph colour change points.
- Bargraph scaling with configurable minimum and maximum end points.
- Protection relay can be configured to operate for over temperature and/or over RPM.
- Relay can be configured to operate for any combination of over RPM, CHT and EGT.
- Temperature displayed in either degrees Centigrade or Fahrenheit.
- Distance in Miles or Kilometres.
- The colour of the digital readouts can be a fixed or allowed to change with the bargraph colours.
- Different display brightness for day time and night time modes.
- All colours can be configured to suit your own preferences.
- Each digital readout can be independently configured to flash when defined RPM or temperatures are exceeded.

Colour transition points of all bargraphs can be configured.



Specifications:

CHT Temperature range	0 to 300 Degrees Celsius (32 to 572 Degrees Fahrenheit).
EHT Temperature range	0 to 1200 Degrees Celsius (32 to 2192 Degrees Fahrenheit).
Tachometer range	800 to 15000 RPM.
Temperature sensors	Spark plug ring and EGT probe.
Speed sensor	Encapsulated reed relay.
RPM sensor	Spark plug HT lead pickup.
Engine type	2 stroke, 4 stroke and wasted spark systems.
Dimensions	125mm W, 67mm H, 23mm D.
Power requirements	1.4 W, 11-30Vdc or 11-30 Vac (vehicle must be fitted with regulator when using ac supply)

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RTSE Ver 1.0

Designed and built in the UK