



PRODUCTS

NO COMPROMISES SINCE 1978

The Coralba Roads instruments have been carefully developed and tested over many years following a considerable amount of study and evaluation into the needs of today's highway management & maintenance. For over 20 years Coralba have produced high quality instruments that are easy to use and install.

This consistency in quality and accuracy has made the Swedish National Road Administration choose the Coralba method for measuring the friction coefficient as the standard method for winter road maintenance tenders.

The Coralba Roads instruments are used to collect accurate road data such as distances, road lengths, counts, temperatures and road friction. Their reliability has made them an indispensable part of highway inventory for inspection surveys, trip recording and speed measurements. Their popularity has been achieved through the instruments' robustness, accuracy and versatility.

Robustness

The Coralba products, with their aluminium housing, are designed to endure the rough handling and harsh environments in all year-around road maintenance projects. The distinct buttons and LED displays are appreciated by technical staff and highway engineers all around the world.

The robustness of Coralba is not just a feeling, but it also ensures a long life and low maintenance cost.

Accuracy

Highway safety engineers throughout the world choose Coralba instruments for their high accuracy. The instrument is very easy to calibrate and shows values to a tolerance typically better than 0.03%. The instrument measures time, distance and speed with the same high accuracy, but can also be used to measure temperature and road friction.

Versatility

For the highway maintenance contractors the Coralba products are indispensable instruments thanks to their many useful processing features. They are simple to operate, enabling the user to easily change from distance to speed to temperature etc. They even switch on automatically as the vehicle starts moving. The versatility of Coralba products means that the instruments are an indispensable aid to the highway engineer.

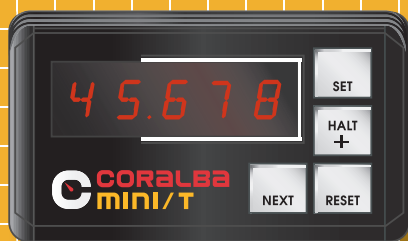


CORALBA ROADS PRODUCTS

All instruments have been designed for 24-hour use and easy installation. The buttons are internally illuminated to indicate which functions have been selected. The housing is made of black aluminium to protect the electronics in extreme temperatures and physical environments.

Coralba Mini / T

This is the mini version of Coralba Trip with the basic functionality suitable for more ad-hoc measurement jobs. It is built in the same way with the same reliability as the professional models. It is simple to install and use and the functions are a good balanced subset for the user with a low budget.



Technical specification:

Power: 12 volt (24 volt optional)
Size: 78 x 45 x 52 mm
Weight: 180 grams

Coralba Trip

The Coralba Trip is the standard version, which has all the functions necessary for road maintenance. The instrument measures the following parameters: distance, time, speed, quantity and temperature (optional).



Technical specification:

Power: 12 volt (24 volt optional)
Size: 128 x 45 x 52 mm
Weight: 300 grams

Additional equipment:

Temperature sensor
RS232C communication
Printer output
Extra decimal indication

Coralba μ

The Coralba μ instrument has in addition to all the Coralba Trip functions, also the features required to calculate the friction coefficient. Measuring friction is normally a time consuming and difficult task that requires very expensive equipment, but with the Coralba μ it can be accurately measured in a cost effective and safe way.



Technical specification:

Power: 12 volt (24 volt optional)

Size: 128 x 45 x 52 mm

Weight: 300 grams

Additional equipment:

Temperature sensor

RS232C communication

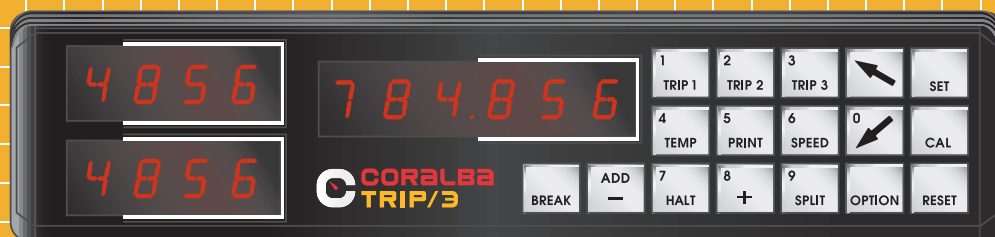
Printer output

Extra decimal indication

Coralba Trip /3 and Coralba μ /3

The Coralba Trip /3 is the real professional workhorse. It contains the same basic functions as a Coralba Trip but it also includes many more sophisticated tools for the highway engineer. The three displays can be set independently of each other to show the selected functions. Even though the possibilities with Coralba Trip /3 are very comprehensive it is just as easy to use as a Coralba Trip.

The Coralba μ /3 contains the same functions as a Coralba Trip /3. It is specially designed for winter maintenance where the friction coefficient is displayed at the same time as other values. One possible use is to display distance, friction and temperature, which would give all the relevant information at the same time.



Technical specification:

Power: 12 volt (24 volt optional)

Size: 193 x 45 x 52 mm

Weight: 370 grams

Additional equipment:

Temperature sensor

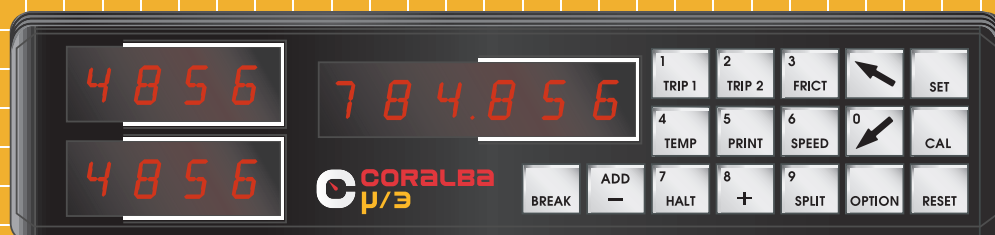
RS232C communication

Printer output

Extra decimal indication

One or two remote

controllers



ALL YOU NEED AT YOUR FINGERTIPS

The versatility of a Coralba instrument is appreciated most when used in the field. You will discover new applications as your assignments change. Despite its comprehensive functionality the user-friendly menus make the instrument easy to use.

Distance

The instrument has three tripmeters, which can be set individually to count either upwards or downwards. It is simple to preset a value or correct it even without stopping the car. The instrument uses a patented method to measure the centre of a junction from a moving vehicle. The tripmeter also automatically switches direction when the car is travelling in reverse.

Speed

Actual speed can be shown as well as average and maximum speed. There is also a speed threshold that warns the user should they exceed a certain speed.

Friction testing

A friction coefficient is determined by measuring how quickly the car decelerates using its braking system. A corrected value is also calculated adjusted for wind resistance and up - or downhill effect.

Automatic journey measurement

The instrument starts automatically when the car moves. At the end of the job, the split function shows distance, time, average and maximum speed.

Temperature

If the instrument is connected to an optional sensor it can show the temperature with a precision down to one decimal.

Unit Counting

The instrument is equipped with a register to count number of any kind of items, i.e. lamp columns, gullies, potholes etc.

Measurements units

The instrument can be set to measure different units for distance, speed and temperature.

Distance:	Speed:	Temperature:
Metres	Kilometres per hour	Celsius
Miles	Miles per hour	Fahrenheit
Miles + yards	Metres per minute	
Feet	Feet per minute	
Nautical miles	Knots	
Miles + feet	Metres per second	



Contact your local distributor for
more information and purchase.



Coralba AB Midskogsgård 11, S-115 43 Stockholm, Sweden. **Phone:** +46 8 662 70 60 **Fax:** +46 8 662 70 61

E-mail: info@coralba.se **Web:** www.coralba.com