

Traffic Counter Tester

Works with
all road tube
counters and
classifiers



**How accurate is
your data collection?**

**Only as accurate as
the equipment you use.**

- **Certify Data Accuracy**
- **Simulate Traffic Data**
- **Identify Problem Units**
- **Save Time & Money**



JAMAR
Technologies, Inc.

Making Data Collection Easier

Certify the accuracy of your data... ...with our Traffic Counter Tester

The Traffic Counter Tester (TCT) can be used to test and certify an automatic traffic recorder by simulating vehicles passing over a pair of road tubes. It is designed to allow you to test the accuracy of your traffic counters in your office before placing them in the field to gather important data. With it you can identify potential problems before they occur, saving time and money. The TCT will work with any of the road tube counters and classifiers being sold today.

The Traffic Counter Tester is capable of simulating a wide range of vehicle classes, including all 13 classes in the Federal Highway Administration's Scheme F. It can also simulate a wide range of vehicle speeds, from 5 to 80 MPH. These vehicle simulations can be done for a number of different tube layouts. The Tester can be connected directly to one counter, or to two counters using the splitter Ts and extra connector hoses that are provided.

An adjustable output knob allows you to vary the strength of the pulses that the Tester sends to the counter. With this you can easily gauge the sensitivity of the counter's air switches, and identify problems **before** they occur. Two LEDs on the front of the TCT light up when pulses are emitted.

• How the Traffic Counter Tester Works

The Traffic Counter Tester contains an advanced microcontroller that is capable of generating low frequency charges. These charges cause vibrations in the simulator component of the Tester that creates air pulses like those generated by a vehicle driving over a pneumatic road tube. By matching the timings of the simulated pulses to those of known vehicle types, the Tester can replicate vehicle classes and speeds.

A properly functioning traffic counter should record with 99.9 percent or greater accuracy when connected to the Tester.

• Certify Data Accuracy

The Federal Highway Administration and many other agencies require that equipment used to collect traffic data be certified as accurate. Our Traffic Counter Tester (TCT) lets you do just that.

• Simulate Traffic Data

The TCT is capable of simulating a wide range of vehicle classes and speeds, including all 13 classes of the FHWA scheme F and speeds from 5 to 80 mph.

• Operate with Ease

The TCT was designed with simplicity in mind. Two-button operation makes setup easy, allowing you to get started in a matter of seconds.

• Save Time & Money

The TCT allows you to easily and accurately test your counters in the comfort of your office, without having to go out to the field.

