

## GPRS-100

Gamma-global positioning vehicle mounted radiation scanner



## GPRS-104

Gamma-global positioning backpack radiation scanner

### Description

#### Model GPRS-100

The vehicle roadway monitor, TSA's model GPRS-100, integrates a Trimble 12 channel global positioning system (GPS) with TSA's model VRM-3 vehicle mounted radiation monitor and a single board PC. TSA recommends that the system be mounted on a 3/4 ton minimum capacity, 4 wheel drive vehicle.

#### Model GPRS-104

TSA's GPRS-104 backpack radiation scanning system is comprised of the following major subassemblies:

- Trimble GPS receiver, model AgGPS-114
- Laptop computer, palm pilot, or IPAQ hand held PC
- TSA Systems system controller, model SC-770
- TSA Systems load disconnect, model LD-260
- Battery and charger system

The overall system is designed to work as a logging system to record position information from the GPS system along with the radiation activity on a one second basis. The information is written to the hard drive in the computer under a file name supplied by the user.

The system is installed on a backpack frame with a rain cover.

### Specifications

SPECIFICATIONS FOR CUSTOM SYSTEMS ARE VARIABLE  
 AND SUBJECT TO CUSTOMER REQUIREMENTS

### Applications

#### Model GPRS-100

TSA's GPRS-100 is a large area radiation scanner with a global positioning system. TSA's radiation scanning systems are based on an industrial PC. Radiometric information is merged with GPS data and stored on disk. Data can be printed, plotted or overlaid on a map.

#### Model GPRS-104

The GPRS-104 system is designed to work as a logging system to record radiation levels and position information from the GPS system.