

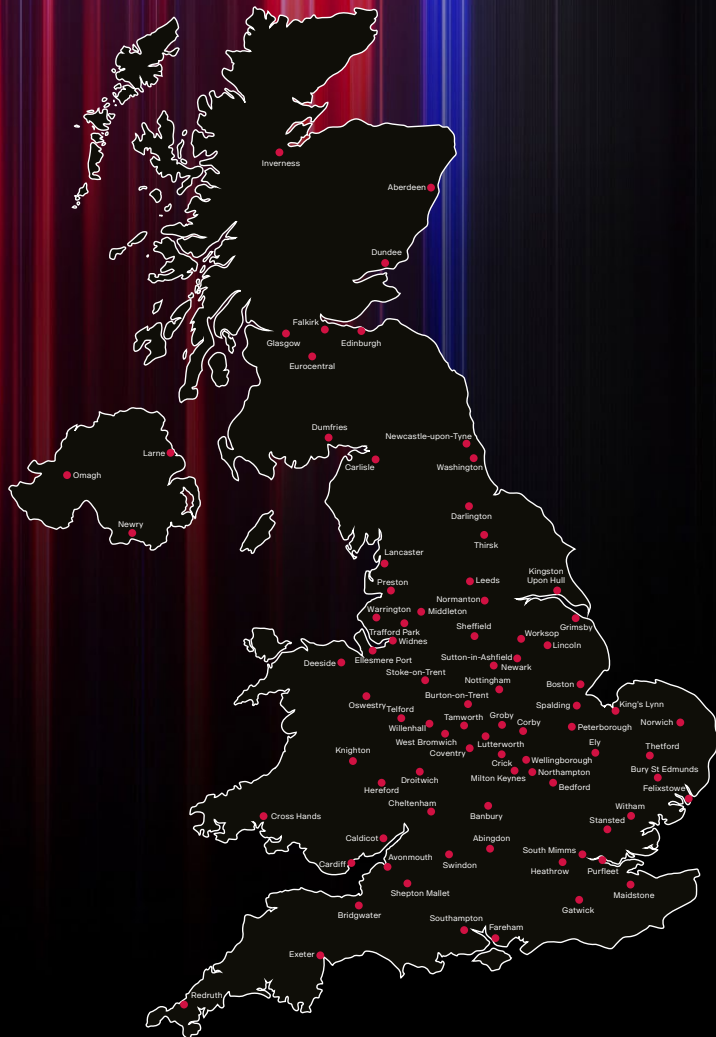


DIAGNOSTIC & **TEST EQUIPMENT**

With the changing landscape of air braking technology, we have had to adapt our approach to address diagnostic issues that may arise in modern vehicle systems.

Given the phase-out of air signalling systems in favour of EBS/ABS systems, ScaniaVRS is committed to remaining up to date with the latest technological advancements and has developed a line of cost-effective testing equipment available to you.

Our testing equipment is designed to integrate seamlessly with the OE manufacturer's equipment, providing a comprehensive analysis structure for commercial trucks and trailers that is both user friendly and accessible to fleets of all types and sizes - from individual owner operators to multinational fleets.



CONTENTS

Potentiometer Tester	4
Potentiometer Tester + extra cables	5
TrailerMaster Heavy Duty Power	6
TrailerMaster Van Mounted	7
TrailerMaster Van Mounted c/w pneumatic function	8
Workshop TrailerMaster	9
Triple ISO Tester	10
SensorMaster	11

POTENTIOMETER
TESTER

This tester is used to check caliper potentiometer readings and to determine the wear status of brake discs and brake pads.

Brake discs and pads are subject to significant wear. Before replacing, test them with a potentiometer.

To check the potentiometer connect the corresponding cable to the brake potentiometer, power the tester and choose what you are testing. This can be carried out with or without the caliper installed on the vehicle.

Screen selections:

- 2 wire
- 3 wire gold
- 3 wire silver



ST10100817

POTENTIOMETER
TESTER + EXTRA CABLES

Potentiometer testing device plus extra Volvo cables DRA01.1 and DRA01.2 added.



DRA01.1

DRA01.2

DRA01.3



DRA01.5

DRA01.6

ST10100818

TRAILERMASTER HEAVY DUTY POWER

- A portable 24V power box with auto light test for testing your trailer's electric system.
- Designed to enable one operator to test the complete trailer lighting system without the need to connect a tractor unit, using the 24N and 24S power sockets, and to test the ABS warning lamp function on the trailer using the ISO 7638 socket.
- Quick to setup - easy to use
 - Rechargeable from main supply
 - Housed in a durable carry case
 - Portable 24V power box
 - Tests trailer's lighting system, EBS/ABS warning light function and CAN activity
 - Single operator auto test
 - All necessary leads supplied
 - Designed and manufactured in the UK



*Replacement batteries (pair) are available - **DRA02BATT**

ST10100819

TRAILERMASTER VAN MOUNTED

- Van mounted 24V power box with an auto light test feature for testing the trailer's electric system.
- Designed to enable one operator to test the complete trailer lighting system and test the ABS warning lamp function on the trailer using the ISO 7638 socket.
- Self-contained 24V power box in a robust stainless steel case which mounts to headboard of your vehicle, comes with three switch-able sockets (24S, 24N & ISO7638) and built in voltmeter.



ST10100820

TRAILERMASTER VAN MOUNTED

Designed to enable a single operator to test a trailer's complete lighting system using the 24N and 24S power sockets, and to test the EBS warning light function on the trailer using the ISO 7638 socket.

Connect an air supply from a compressor in order to test the braking system, and test the service brake manually with the service brake switch or via the wired 15m remote control.

The system features two glycerine-filled air gauges for service and emergency pressures.

The kit is equipped with three 5m air hoses for yellow line, red line and air supply in a 15m wired remote control for service brake operation; three 5m electrical leads for 24N, 24S and ISO 7638; red and yellow line coupling adaptors; and a power supply cable (connect to fused 24V supply).



*Comes with pneumatic function

ST10100821

WORKSHOP TRAILER MASTER

Your ultimate diagnostic companion.

Comprehensive diagnostics - Identify air leaks, brake issues, lighting faults, and more, reducing maintenance costs while ensuring road safety. A dedicated diagnostic port is included for connecting Knorr-Bremse, Haldex, and Wabco software.

Single-operator efficiency - Enable a single operator to effortlessly test the entire lighting system and EBS warning light function.

Brake system precision - Connect TrailerMaster to an air supply, then use the wireless remote control to operate and test the braking system .

User-friendly design - Roll up to your trailer and navigate the intuitive interface with minimal training.

Seamless operation kit - Air coils, remote control, electrical leads, coupling adaptors, and on-board power supply.

How to - Connect, switch on, and watch as the Workshop TrailerMaster's auto light test sequentially illuminates trailer lights, ensuring a thorough check in seconds.



ST10100822

TRIPLE ISO TESTER ISOMASTER

Advanced circuit tester for testing your truck's ISO 7638 Socket, Trailer Susie, and ABS Functions.

By running a simple series of tests the ISO Tester quickly identifies fault details and the location (tractor unit, Susie lead or trailer), which is not always easy to locate.

- Quick to setup
- Tests truck's ISO 7638 socket Susie lead and ABS functions
- Reveals missing/faulty ABS warning light
- Easy to interpret LED display
- Powered by tractor unit's ISO 7638 socket
- Durable construction
- Designed and manufactured in the UK



ST10100823

SENSORMASTER

For testing and identifying sensor gap and exciter ring faults on any ABS system.

The SensorMaster is compatible with 90% of applications as standard.

It works with any ABS system made by Knorr Bremse, Haldex or Wabco fitted to any type of commercial vehicle whether it be truck, trailer, bus or coach.

Tests for the following:

- Correct OHMS resistance
- Open circuit
- Short circuit
- Exciter ring tooth damage
- Exciter ring mis-alignment
- Sensor gap measurement



ST10100824



VRS is a trademark of Scania (Great Britain) Limited,
Delaware Drive, Tongwell, Milton Keynes,
Buckinghamshire MK15 8HB
(Registered office); Registered in England Number 831017 ('Scania').
+44 01908 210210



Visit our website to browse our
range and locate your nearest
branch.