

complete testing solutions from
Turnkey Instruments



simret3000

portable brake tester with printer



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The **simret3000** brake tester simplifies the routine testing of heavy vehicle and machine braking systems to ensure compliance with Health and Safety Regulations.

Many heavy vehicle accidents are due to defective brakes. Using **simret** regular brake testing will identify deteriorating brakes before an accident occurs but, before **simret**, there was no reliable method to allow operators to carry out accurate tests on-site. Judging distance against marker posts is not accurate because errors in speed or when the driver applies the brakes give widely differing results.

Now the **simret3000** brake tester solves the problem by giving an accurate printed record of brake efficiency regardless of vehicle speed, ground conditions or slope. All printouts show the time and date of the test and your plant and operator details can be added, plus hard copy evidence of the test taking place.

Looking back over previous printouts of a vehicle will show deterioration in the brakes so that action can be taken before it's too late.

simret3000 is supplied as a complete ready to use kit which includes leather carrying case for the instrument and its accessories, a mains powered battery charger, a trigger pad and full instructions. Available as extras are the Pedal Force Transducer, PC-Link and WinSiM, and bar code kit which includes wand and customised bar code tags for your plant.

Range	0 to 100% g g = 9.81 metres/sec/sec
Accuracy	± 0.5%
Display	alphanumeric LCD with backlight. 2 lines of 16 characters.
Printer	built-in 40 column dot matrix type with graphics
Memory	32k bytes with battery backup, saves up to 50 brake tests
Clock	accurate to 1 minute per month, months and leap years adjust automatically. All tests are timestamped.
Battery	sealed lead acid, rechargeable, 12 hours operation from a full charge
Size	220 x 140 x 110mm
Weight	4.5kg nett
Bar code	for plant and operator identification
Pedal Force Transducer	allows SIMRET to record and print the applied pedal force, 1500 Newtons max.
PC-Link and WinSim	transfers stored brake tests to your PC to allow further graphical analysis and database creation. Requires PC with Windows 3.1 or Windows95.

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