



TECALEMIT TEST LANES

Tecalemit is the UK's longest established supplier of MOT testing equipment offering the most comprehensive range of technically advanced, DVSA acceptable equipment.

Each of our principal items of equipment has been developed to provide time saving features to ensure that the test lane operates at optimum output. All equipment requiring DVSA approval is accredited accordingly and meets or exceeds the most recent DVSA equipment specification.

A Tecalemit test lane equipment package is a cost effective way of purchasing equipment with the added benefit that operators have a single supplier of after-sales support for scheduled maintenance, re-calibration, replacement parts and consumable items.



GARAGE EQUIPMENT
since 1922



GARAGE EQUIPMENT
since 1922

Tecalemit Test Lanes

Tecalemit can offer 4 post lifts, scissor lifts or pit installations for use in Class IV and VII MOT, OPTL and ATL test lanes.

4 Post Lifts

All lifts have the option of either installation onto the existing workshop floor or flush fitment into a floor recess. Tecalemit ATL lifts are supplied complete with flush fitting radius turning plates and hydraulically operated wheel play detectors. 4 post lifts are available in 4 options; 4.0t capacity with either 4.5m or 5.2m platforms, or 5.0t capacity with either 5.7m or 6.5m platforms.



All 4 post lifts have forward mounted controls to minimise the overall width of the ATL bay and hydraulic lines are housed in a smart flexible cable tray system. The robust hand control/torch for the wheel play detectors has a long spiral control cable and stores on the lift control column.

Scissor Lifts

Scissor lifts provide a versatile, space saving solution over traditional 4 post lifts. When installed in a recess vehicle access is improved and it reduces the number of obstacles in a



workshop. Tecalemit offers a Class IV scissor ATL lift with 4.5t lifting capacity and a 4.8m overall platform length or a larger 5.0t capacity 5.2m platform length Class IV & VII option.



Inspection Pit Installations

Tecalemit wheel play detectors, radius turning plates and jacking beams are also available for installation into inspection pit test lanes.

Electronic Roller Brake Testers

Tecalemit roller brake testers are used in more MOT stations than any other manufacturer's equipment. Our standard MOT brake tester offers outstanding performance and we offer a choice of display systems, on which live test information can be viewed. The brake tester can also be used with many 4X4 vehicles. ATL brake testers incorporate a weighing system which enables brake efficiency to be calculated in accordance with DVSA requirements for ATL testing.



Tecalemit's brake tester range has been developed to meet the latest UK regulatory requirements for connected MOT testing and can be supplied in a range of configurations to meet specific user requirements. All brake test results are downloaded to a workstation (comprised of PC, display screen, cabinet, keyboard & mouse) where the test results are stored in accordance with DVSA requirements.

Tecalemit also offers a 1ph model for use in facilities where a 3ph power supply is not available.

Jacking Beams

Tecalemit jacking beams are specifically designed for use with our ATL/MOT lifts; they run in a designated channel in the lift platform which allows maximum clearance for easy vehicle access on and off the lift.



Ancillary Equipment

Tecalemit supplies a comprehensive range of ancillary products to complete the equipment requirement for MOT and ATL testing. These products include:

- Connected Decelerometers
- Towbar Electrics Testers
- Convex Mirrors (including installation)
- Brake Pedal Applicators
- Small Inspection Tools
- Signs & Charts



Headlamp Beam Testers

Tecalemit offers two models of headlamp beam tester. Our standard model has an analogue/needle lux meter with easy manual adjustments for accurate positioning of the beam tester.

Our optional advanced beam tester incorporates a counterbalanced optical box with integrated laser for setting the height of the screen, digital lux meter and LCD display screen. An RS232 port is incorporated enabling test results to be stored if required.

Both models of Tecalemit beam tester are DVSA approved and suitable for testing gas discharge type headlamps.

Emission Testers

Tecalemit's latest range of emission testers offers one of the fastest solution for emission analysis. The emission testers use the very latest technology and test to the highest standards of accuracy.

Diesel Smoke Meters

Tecalemit's Smoke Meter is compact, portable and approved for all categories of vehicle testing. They benefit from a built-in wireless connection, a short warm up time and a single probe suitable for most cars, vans and some trucks for ease of use.



4 Gas Analysers

The state of the art gas bench provides easy to read, high precision measurements of HC, CO, CO₂ and O₂ with an optional extension to include NO_x.

ATL Emission Tester

The Tecalemit emission tester can be incorporated into the brake tester workstation cabinet and utilise the same PC and display screen. This solution provides a cost effective upgrade to the test lane and reduces the number of separate workstations required.



In order to create an effective operational MOT Testing Facility, there a number of procedural steps that must be undertaken. Tecalemit Area Managers specialise in the creation of MOT Testing facilities and can assist with navigating the DVSA application process in order to save you time.

VT01 Application Form

Every Tecalemit MOT bay will have started with a DVSA VT01 application, therefore Tecalemit Area Managers are extremely experienced in assisting garage proprietors with assembling the required information and documents.

MOT Bay Dimensions

The DVSA specify some exacting dimensions for all classes of MOT bay. These dimensions are contained in the DVSA's 'The MOT Testing Guide Requirements for Authorisation'. Tecalemit Area Managers are fully conversant with the dimensional regulations and will measure the proposed premises to ensure the proposed Tecalemit MOT bay meets the required standards.

MOT Bay Layout

When Tecalemit has measured the proposed

premises, the Tecalemit Area Manager will produce a CAD drawing to show the proposed layout and the key DVSA dimensions. The Tecalemit CAD drawing is an essential part of the DVSA application process.

Planning Permission

In order to be issued with the approval to proceed with the creation of an MOT Bay, there are some planning requirements that must be complied with. These range from B2 Planning Permission through

to exclusive use of the premises. Tecalemit Area Managers are very familiar with the process so can help applicants with advice on how to obtain all of the supporting documents.

Training and Administration

Depending upon the applicant's experience, there may be a requirement for the applicant to undergo some specific training. Tecalemit Area Managers are fully conversant with the requirements of AEDM's, as well as nominated testers, and can assist with identifying suitable training providers.



Garage Equipment Association (GEA) Approval

Our Tecalemit Area Managers are approved by the GEA for providing advice on test lane layouts. Our installation and service engineers are approved by the GEA for installation and service.

Tecalemit Garage Equipment Co. Ltd.

Eagle Road, Lantage Business Park,
Plympton, Plymouth, Devon
PL7 5JY

Sales: 00 44 (0) 1752 219 111

Service: 00 44 (0) 1752 219 100

Email: sales@tecalemmit.co.uk

Web: www.tecalemmit.co.uk