



## Crypton Test Lane CTL Class IV and Class VII

The Crypton Test Lane is VOSA approved for 'One Man' Testing of Class IV and VII vehicles. The CTL offers improved garage efficiency for a greater return on investment.

[www.cryptontechnology.com](http://www.cryptontechnology.com)

# The Components

## The Full Crypton Test Lane includes:

- Control Centre with integrated Gas analyser and Smokemeter
- Platform Scissor Lift
- Automatic Brake Tester
- Jacking Beam
- Hydraulic Play Detectors
- Recessed Turning Plates
- Headlamp Aligner
- Inspection Mirrors
- Brake Pedal Depressor
- Inspection Torch with play detector controls
- Vehicle/customer data bank
- Test results and garage information can be printed



## CTL Control Centre - The Heart of the Test Lane

- Operates the Gas & Smoke Emission Tests (when fitted)
- Controls the Brake Tester and displays results
- 19" Flat Screen as standard

And don't forget ...

- CTL Software can be added to most existing Crypton Emission Platforms

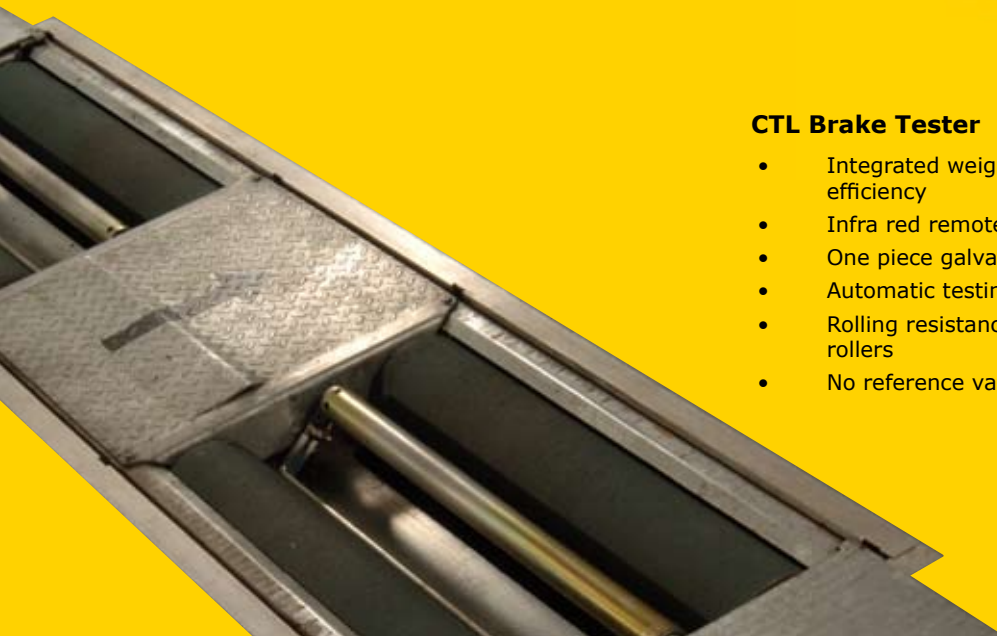
## Emission Analyser Options:

- Choice of tachometers using battery pick-up or ultrasonic and vibration technology
- Commercial vehicle sample probes for central and stack exhausts
- Wireless or Cable Smokemeter
- Wireless Temperature Probe (BT Model only)
- Wireless Remote Handset (BT Model only)
- Wireless Keyboard
- 3 Year extended care contract
- 5 Year extended care contract



## CTL Brake Tester

- Integrated weighing system automatically calculates brake efficiency
- Infra red remote control
- One piece galvanized roller set
- Automatic testing procedure plus manual individual wheel testing
- Rolling resistance is tested at the beginning of each entry to the rollers
- No reference values for vehicles are required



### CTL Jacking Beam

- Air/Hydraulic operated jacking beam ensures quick and effortless lifting (to MoT specifications).



### CTL Brake Pedal Depressor

- Includes VOSA approved brake pedal depressor

### CTL Platform Scissor Lift

- Recessed or surface mounted version available (Surface mounted option only 185mm for low chassis vehicles)
- VOSA approved hydraulic axle play detectors built into the ramps
- No intrusive posts saving over 1 metre in width
- Recessed lift leaves flush surface when not in use
- No ropes for increased stability = Safe lifting
- Solid Engineering
- Modern silver checker plate for a dynamic looking workshop
- Hydraulic synchronisation of platforms



### CTL Headlamp Aligners

- VOSA approved for MoT testing of Class iv & vii vehicles
- Conforms to latest regulations covering gas discharge headlights

### CTL Play Detector

- Fold flat design creates a level surface for headlamp testing
- Dual role by also acting as wheel chocks
- Innovative design enables use of low hydraulic pressure ensuring safety whilst under the vehicle
- Safe housing of inspection torch / control keeps it out of harms way when not in use.
- Automatic repeat of movements until control button is released

## Crypton Test Lane FAQ

### What if I only want one part or just a few components of the Crypton Test Lane?

No Problem, you can buy the components of the Crypton Test Lane individually.

### What if I want a full Crypton Test Lane but already have a Crypton emission analyser?

Most Crypton or Dieseltune PC based Smokemeters, Gas Analysers or Combined machines can be used to control the CTL. (Subject to PC specification)

### Why use a scissor lift as part of an Automated Test Lane?

A scissor lift uses up less space (no intrusive posts), and completely retracts to ground level when recessed version is installed. Scissor lifts also offer a higher level of safety and noise reduction when the play detectors are in use.

	CLASS VI	CLASS VII
<b>Specifications of the Brake Tester</b>		
Maximum axle weight	4 tonne	4 tonne
Max brake force per Wheel	600kgf	1250kgf
Test speed	5km/h	2.62km/h
Roller diameter	200mm	200mm
Roller length	700mm	1000mm
Roller surface	plastic/emery coating	plastic/emery coating
Width of axle to be tested	800-2200mm	800-2800mm
Supply Fuse	25 AT	25 AT
Electrical connection	3 phase 400v 50Hz	3 phase 400v 50Hz
Length of cable connecting roller set to control box	15m	15m
<b>Specifications of the Platform Scissor Lift</b>		
Standard in ground version		
Lifting capacity	4000kg	5000kg
Lifting Height	1770mm (approx)	1630mm (approx)
Lowering time	20 Sec (approx)	38 Sec (approx)
Runway width	600mm	635mm
Runway length	4540mm	5460mm
Total width	2150mm (Pit)	2225mm
Motor	3.0kW	3.0kW
Power Supply	400/50 V/Hz	400/50 V/Hz
<b>Specifications of the Jacking Beam</b>		
Lifting capacity	2000kg	2800kg
Method of application	Hydraulic/pneumatic	Hydraulic/pneumatic
<b>Specification of the Brake Pedal Depressor</b>		
Weight	1.5kg	1.5kg
Force application	50kg for 5 min	50kg for 5 min
Length of application	72cm	72cm
<b>Specification of the Headlamp Tester</b>		
Height	1770 mm	
Width	610 mm	
Depth	610 mm	
Max measuring height	1500 mm	
Min measuring height	240 mm	
Focal length	500 mm	

With all the quality, service and backup you would expect from a UK company with a long standing history like Crypton.

CTL is an integrated product that can be purchased as either a complete test lane or as separate components making it an ideal choice whether upgrading for One Man testing or a completely new Automated Test Lane.

CTL can be added to the majority of Crypton's existing emission products.

CTL can be purchased using Crypton Finance to assist with financial planning and cash flow.

Crypton Technology Business Park, Bristol Road, Bridgwater, Somerset TA6 4BX

Tel: +44 (0)1278 436226 Fax +44 (0)1278 450567 Email: sales@cryptontechnology.com www.cryptontechnology.com