



TOTAL SHOP SOLUTIONS

Snap-on[®]

COMMERCIAL GARAGE EQUIPMENT

snapon.com/commercial-uk

Snap-on[®]

HOFMANN[®]

SUN[®]

COMMERCIAL GARAGE EQUIPMENT



INTRODUCTION



Since day one, Snap-on has been committed to creating tools that enable technicians to work smarter and fix vehicles faster, first time.

Total Shop Solutions brings the premium Sun and HOFMANN brands together to demonstrate how innovative product solutions can improve your garage's performance and more importantly, your bottom line.

This range of Commercial Garage Equipment brings together products specifically for use with Heavy Goods Vehicles, offering a complete solution for repair businesses or fleet owners looking to take their first steps or upgrade their equipment.

We are proud to present this collection of brake testing, emissions and MOT equipment, tyre changers, wheel balancers, diagnostics and air conditioning machines to help your business grow.

CONTENTS

4	ROLLER BRAKE TESTER	36	AIR CONDITIONING
12	JOINT PLAY DETECTOR	40	COMMERCIAL DIAGNOSTICS
16	EMISSIONS	46	SNAP-ON SERVICE
24	TYRE CHANGERS	47	SNAP-ON CONTRACTS
30	WHEEL BALANCERS	49	SNAP-ON FINANCE



CONNECTED ROLLER BRAKE TESTER

FOR HGV AND PSV VEHICLES UP TO 20 TONS AXLE LOAD

HEAVY DUTY ROLLER BRAKE TESTERS THAT MEET THE LATEST DVSA REGULATIONS FOR CONNECTED MOT TESTING

HOFMANN connected roller brake testers for vehicle classes IV, V, and VII HGV and PSV. Classes IV, V and VII seamlessly integrate the Authorised Testing Facility (ATF) with the DVSA MOT Testing System (MTS).

The roller brake tester can additionally benefit from full connectivity to the geogas emissions analyser and decelerometer.





CONNECTED ROLLER BRAKE TESTER

FOR HGV AND PSV VEHICLES UP TO 20 TONS AXLE LOAD



20 TON BR-20

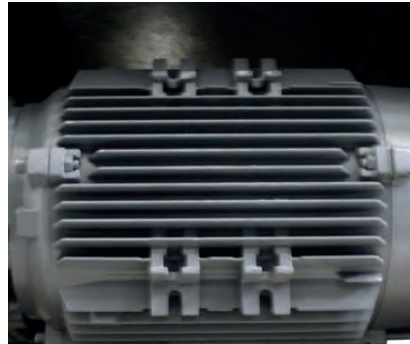
- For all vehicles in both loaded or unloaded conditions
- Normal to high throughput

MOTOR

- Splashproof motor
- All motors have braking kits fitted as standard to aid drive out

LOAD CELLS

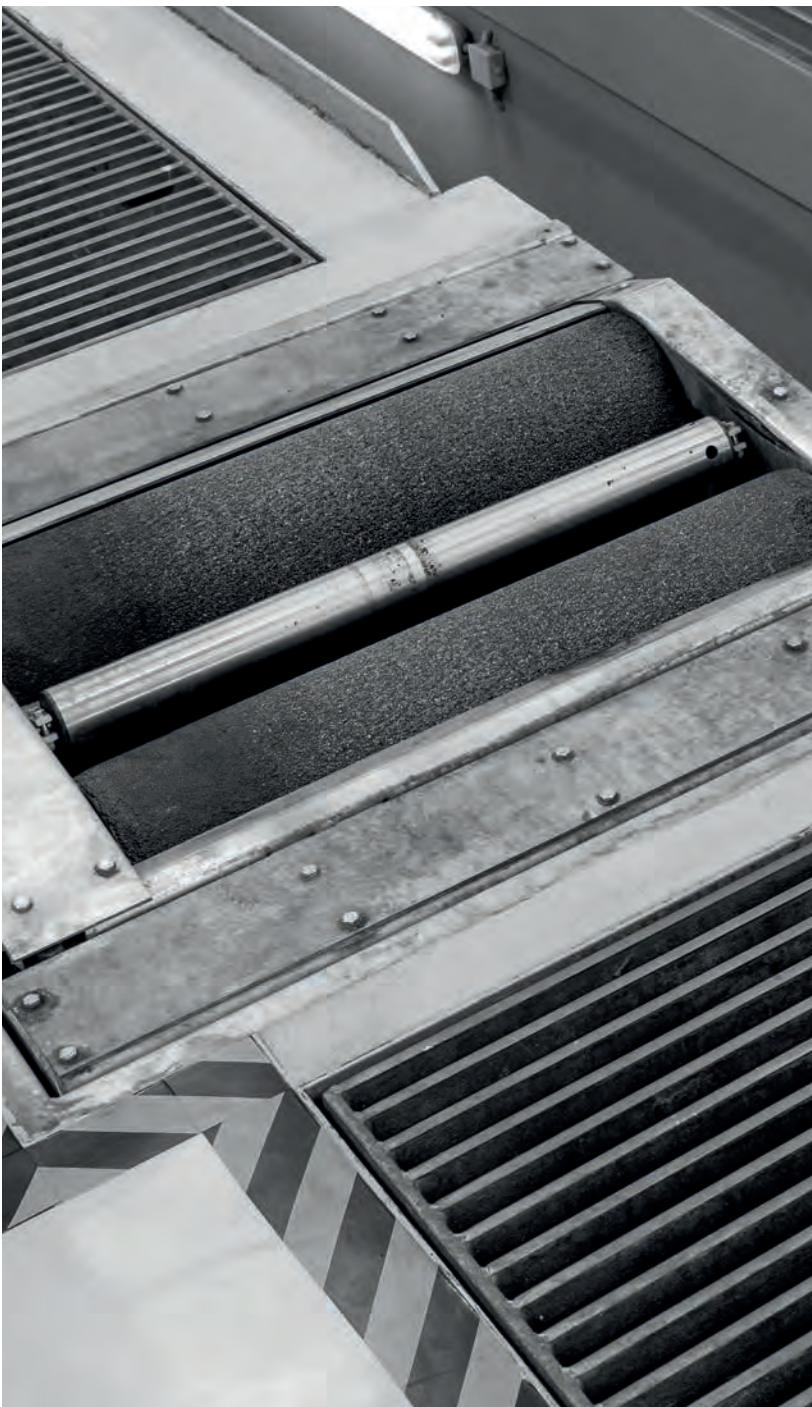
- Wear-free strain-gauge type load cell measuring system ensures reliable and error-free measurement of the forces produced





STANDARD FEATURES INCLUDE:

- Automatic mode
- Manual mode
- Ovality measurement
- Cut-out at wheel lock
- Display of braking force imbalance
- Electric automatic drive-off aid



ROLLERS

- 1000mm length
- Corundum coated (CRD) steel rollers with a wear-proof plastic coating eliminate wear to tyres during tests
- Drive off the rollers through electro brake or automatic aid

FEELER ROLLERS

- The brake test does not start before both feeler rolls are depressed. This safety feature prevents unintentional starting of the brake tester

POSITIONING

- Depending on the individual requirements on site, the roller sets can be installed in front of the pit, or separately on either the left or right sides

All brake testers are equipped with level rollers, dual direction testing and 4WD mode as required

CONNECTED ROLLER BRAKE TESTER

FLEXIBLE CONFIGURATIONS | CHOOSE YOUR SOLUTION

BASIC PACKAGE



CONTROL UNIT

- The control unit is the technological core of the equipment controlling all electronic components and includes the main switch, emergency stop function as well as controls for pneumatic pressure transducers

DONGLE

- Differing functionalities are unlocked via USB dongles



KIT ALSO INCLUDES:

- 1 speed + PC connection
- Portable emergency stop
- IR pit safety device**

ROLLER SET



RADIO REMOTE CONTROL



WORKSTATION



**Where pit installation is required



DISPLAY MODULES

Multiple displays are necessary in installations with dual direction testing and to test long vehicles and/or truck/trailer combinations.



ANALOGUE DISPLAY

- Place up to three analogue displays in your workshop



DIGITAL DISPLAY

- Place up to two monitors beyond the workstation in your workshop



VERSIONS & OPTIONS

PART NUMBER	DESCRIPTION
EEBRGBN01A	BR-20 CRBT Split System
EEBRGBN02A	BR-20 CRBT Compact System

OPTIONS AND ACCESSORIES

LOAD SIMULATOR HBV 3000

The HBV 3000 hydraulic lifting system is approved for use with BR-20 systems (20 tonne) with 1000mm rollers.

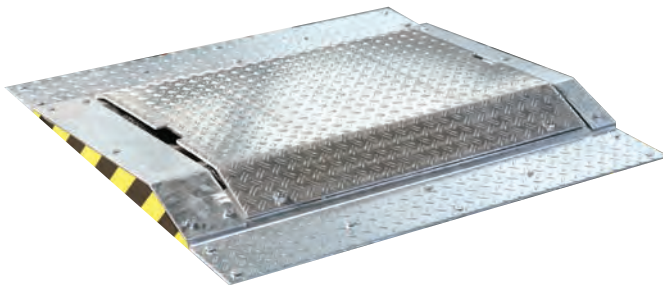
The scope of the HBV 3000 is to achieve the minimum of 30% of the design brake actuator, prescribed by the ISO 21067 as requirement for the reliability of the calculated braking force.

- Maximum lifting capacity 9t per axel
- Maximum stroke 220mm
- Electrical systems installed within the display and power cabinet of the brake tester



ROLLER COVER PLATES

- Outward-folding roller cover plates



PNEUMATIC PRESSURE TRANSDUCER

- Cable-type or radio-controlled. Ask your Snap-on representative for more information



MONITOR DRIVER KIT

- The monitor driver kit is required to add up to two HDMI monitors up to 30m beyond the workstation





DECELEROMETER

- DVSA-approved for all classes
- Bright LED display clearly shows service and handbrake efficiency
- A must have for most 4x4 vehicles that cannot be tested on a Roller Brake Tester
- Results easily downloaded to PC and sent directly to the DVSA's MTS Connected Network

HEADLIGHT ALIGNER

- Fully adjustable, DVSA-approved headlamp alignment unit for HGV/PSV vehicles
- Laser alignment visor with auto off timer for longitudinal alignment with vehicle
- Central lens laser pointer with auto off timer for correct height adjustment to vehicle lights



VERSIONS & OPTIONS

PART NUMBER	DESCRIPTION
EAA0500U02A	Load simulator HBV 3000 with built-in frame (for new installations)
T2000618498	Retro fit kit
EAA0391U47A	Analogue display column
EAA0477U77A	Analogue display wall bracket
EEHA701A	Headlight aligner
EAK0378N07A	MTS-connected decelerometer
EAK0368N07A	Monitor driver kit
T2000619647	Roller cover plates
EAA0430U16A	Portable emergency stop

JOINT PLAY DETECTOR KIT

FOR HGV AND PSV VEHICLES UP TO 20 TONS AXLE LOAD

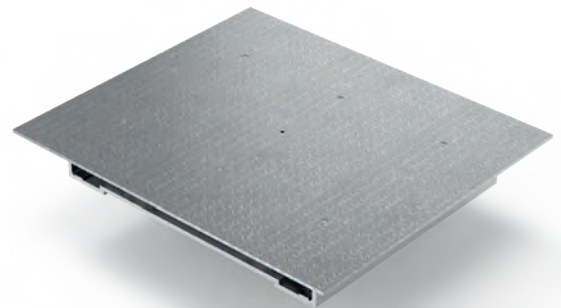
CHECK-UP

- Axle suspension
- Axle stub
- Wheel bearing
- Tie-rod ends
- Stabiliser
- Trolley-pivot
- Twin axle suspension
- Trailer coupling device



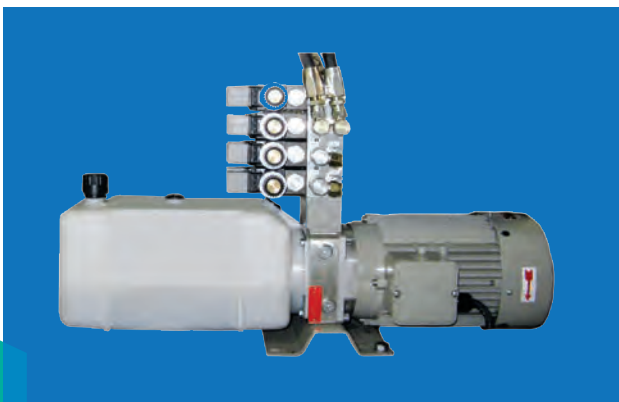
MECHANICAL UNIT

- Two single, separately controlled mechanical test systems
- Both surfaces are made of galvanised lug-pattern metal plates
- Mechanical sub-structure painted
- Guides made of wear-resistant polycarbonate
- Automatic return of test plates to the home position (parking position)
- Speed of the test plates: 50mm/sec
- Total movement of the test plate: 100mm (Wearrest 4600 FA)
- Max drive overweight per axle: 20,000kg
- Flush-fit frame, to conform with DVSA specifications to flush mount



HYDRAULIC UNIT

- Operating pressure: 160 bar max
- Power: 3kW (GST 4600 FA)



SWITCH CABINET





WIRELESS TEST LAMP AND CONTROL UNIT

- Focused and bright LED light source
- Robust, shock- and break-proof housing
- Enclosure made of durable and shock-proof plastics
- Control of the test plates: single, counter or same directions
- Wireless radio communication in the free ISM band
- Keypad with oil- and petroleum-resistant foil
- Attached by magnet and belt clip



CHARGING STATION

- Ensures the radio test lamp is always charged
- Stand- or wall-mounted



VERSIONS

PART NUMBER	DESCRIPTION
EEJD702B	Wearitest 4600 FA - Joint play detector for trucks up to 20t axle load

In accordance with the specs of the new European directive 2014-45/EU

BRAKE TESTERS

TECHNICAL SPECIFICATIONS

		420-BR
TYPE OF CONSTRUCTION		N
TEMPERATURE RANGE (WITHOUT ADDITIONAL HEATING SYSTEM)	°C	from 0 to +40
POWER SUPPLY	V	3/N/PE 400 V AC
FREQUENCY	Hz	50
FUSE RATING - SLOW BLOW TYPE	A	3 x 80
DRIVE-OVER AXLE LOAD/AXLE	t	20
ROLLER COEFFICIENT DRY/WET	-	>0.7/>0.5
MAXIMUM BRAKE FORCE	kgf	4000
MOTOR POWER	kW	2 x 15
TEST WIDTH MIN. - MAX.	mm	variable
ROLLER DIAMETER	mm	255
ROLLER LENGTH	mm	1000 (1300 option)
ROLLER DISTANCE	mm	450
IDLING SPEED	km/h	2.6 (2.6-5.2 option)
DIMENSIONS OF THE ROLLER SET (EACH)	mm	(w)1261 x (d)1093 x (h)718
DIMENSIONS OF THE CONTROL UNIT	mm	900 x 700 x 217
DIMENSIONS OF THE ANALOGUE DISPLAY UNIT	mm	(w) 1035 x (d) 177 x (h) 700
SIZE OF THE INSTRUMENT PANEL	mm	(w) 925 x (h) 590
DIAMETER OF THE ANALOGUE INSTRUMENTS	mm	325

JOINT PLAY DETECTOR

TECHNICAL SPECIFICATIONS

MAXIMUM LOAD PER AXLE	t	20
TEMPERATURE RANGE	°C	0-70
TEST SPEED	mm/s	50
TEST MOVEMENT TOTAL	mm	100
POWER SUPPLY	V Hz	400 50
FUSE PROTECTION	A	10
WEIGHT	kg	150
TEST PLATE LENGTH	mm	850
TEST PLATE WIDTH	mm	1030
HYDRAULIC UNIT HEIGHT	mm	390
HYDRAULIC UNIT WIDTH	mm	610
HYDRAULIC UNIT DEPTH	mm	250
HYDRAULIC UNIT WEIGHT	kg	35.6
HYDRAULIC UNIT OPERATING PRESSURE	bar	170
HYDRAULIC UNIT OIL CAPACITY	l	6
HYDRAULIC UNIT POWER	kW	3
HYDRAULIC UNIT OPERATING POWER	kN	30

EMISSIONS ANALYSER

FOR HGV AND PSV VEHICLES

A SIMPLE, UNIQUE SOLUTION TO LINK ALL OF YOUR MOT TESTING EQUIPMENT TOGETHER

The geogas 6000 link is a DVSA-approved emissions analyser for vehicle classes III, IV, V, V L and VII HGV AND PSV.

The geogas 6000 link has been designed to seamlessly integrate the DVSA's MOT testing system, the emissions tester, the brake HOFMANN brake tester and decelerometer for vehicle classes IV, V L and VII. Providing you with a simple solution that links all of your MOT equipment together.

Saving you time every day!

DESIGNED AND BUILT IN THE UK

Designed, hand-built and tested by Snap-on in the United Kingdom





GEOGAS 6000 LINK

CONNECTED EMISSIONS ANALYSER



The geogas 6000 link vehicle emissions analyser has been engineered to enhance your MOT bay and make the MOT Testing process simple, fast and reliable.

The geogas 6000 link becomes your DVSA "connected" device that links all of your MOT testing equipment together through a system which is easy for technicians to use.

FEATURES

- Designed to make your MOT testing process fast and reliable
- Hand-built and tested by Snap-on in the United Kingdom
- Intuitive graphical software with simple menu items
- Approved for DVSA connected requirements
- The EOBD dangle makes oil temp and RPM measurement a breeze
- Extra large 27" widescreen display enabling large graphics to be seen from a distance
- The battery-powered smoke meter and gas module remain heated, so they are always ready to measure
- Proprietary water handling function prevents flooding of gas module due to water ingress
- Premium branded PC equipment for efficient performance and reliability
- Wireless laser printer can be positioned to a convenient location within your garage



30-YEARS'
EXPERIENCE



2-YEAR
WARRANTY

MARKET LEADING TECHNOLOGY

WE'VE BEEN PROVIDING MOT EMISSIONS TESTING EQUIPMENT FOR OVER 30 YEARS



DSS 10 WIRELESS SMOKE METER

Specification approved by the DVSA. Provide fast and accurate testing of diesel emissions for both mandatory and voluntary testing. Suitable for category A and B testing.



SGM III WIRELESS GAS MODULE



EODB DONGLE

Enables wireless communication between the workstation and vehicle



REMOTE CONTROL FUNCTION

A remote mouse is provided so that you can even operate the program while sitting in the cab or moving around the bay



WIRELESS PRINTER

Can be positioned where it is most convenient for you



REMOTE SUPPORT

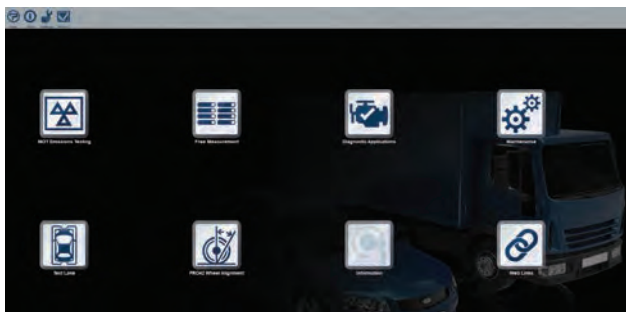
Product support technicians are always there for you at the end of the phone



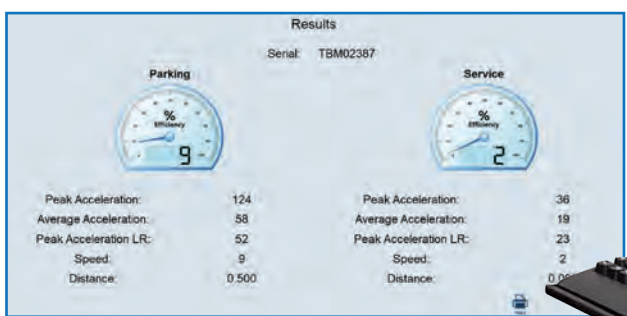
GEOGAS 6000 LINK

GO BEYOND EMISSIONS TESTING - UNIQUE SNAP-ON IOT MANAGER SOFTWARE

Simple graphical user interface making the system clear and easy for technicians to use



Integrated connected decelerometer software making data transfer much easier



ODB health-check function identifies vehicle emissions faults before they become a problem

OBD Health Check									
VIN (read via OBD):	2AARRSD10AR000000								
MIL Status:	OFF								
Engine Temperature:	85 deg C								
Engine Speed (RPM):	1003 /min								
ECU Count:	1								
Readiness Codes:	<table border="1"> <tr> <td>EDU I/O EB:</td> <td>Aspiration:</td> <td>01111100101</td> <td rowspan="2">Not All Tests Complete</td> </tr> <tr> <td></td> <td>SAE:</td> <td>00001100101</td> </tr> </table>	EDU I/O EB:	Aspiration:	01111100101	Not All Tests Complete		SAE:	00001100101	
EDU I/O EB:	Aspiration:	01111100101	Not All Tests Complete						
	SAE:	00001100101							
Number of Error Codes:	4								
Trouble Code Memory:	<table border="1"> <tr> <td>P0115</td> <td>Engine Coolant Temperature Sensor 1 Circuit</td> </tr> <tr> <td>P0230</td> <td>Fuel Pump Primary Circuit</td> </tr> <tr> <td>P0280</td> <td>Ignition Coil Primary/Secondary Circuit</td> </tr> <tr> <td>P0460</td> <td>Fuel Level Sensor A Circuit</td> </tr> </table>	P0115	Engine Coolant Temperature Sensor 1 Circuit	P0230	Fuel Pump Primary Circuit	P0280	Ignition Coil Primary/Secondary Circuit	P0460	Fuel Level Sensor A Circuit
P0115	Engine Coolant Temperature Sensor 1 Circuit								
P0230	Fuel Pump Primary Circuit								
P0280	Ignition Coil Primary/Secondary Circuit								
P0460	Fuel Level Sensor A Circuit								
Number of Pending Error Codes:	0								
Pending Trouble Code Memory:									

Unique Snap-on IOT manager allows secure communications with the DVSA

Test Name	Value	Unit	Limit	Pass/Fail	Notes
CO2	140	g/kWh	140	Pass	
CO	0.15	%	0.15	Pass	
HC	0.15	g/kWh	0.15	Pass	
NOx	0.15	g/kWh	0.15	Pass	
PM	0.15	g/kWh	0.15	Pass	
Smoke	0.15	g/kWh	0.15	Pass	
Brake	0.15	g/kWh	0.15	Pass	
Brake	0.15	g/kWh	0.15	Pass	





EMISSIONS ANALYSER CONFIGURATIONS

GEOGAS 6000 LINK COMBI

Includes:

- geogas 6000 link workstation
- DSS 10 wireless smoke meter
- SGM III wireless gas module
- EOBD dongle
- Wireless oil temperature interface

PART NUMBER EEKT711A10

GEOGAS 6000 LINK SMOKE

Includes:

- geogas 6000 link workstation
- DSS 10 wireless smoke meter
- EOBD dongle

PART NUMBER EEKT711A12

EMISSIONS ANALYSER OPTIONS

WIRELESS OIL TEMPERATURE INTERFACE

Wi-Fi oil temperature device for use with pre-ODBD vehicles

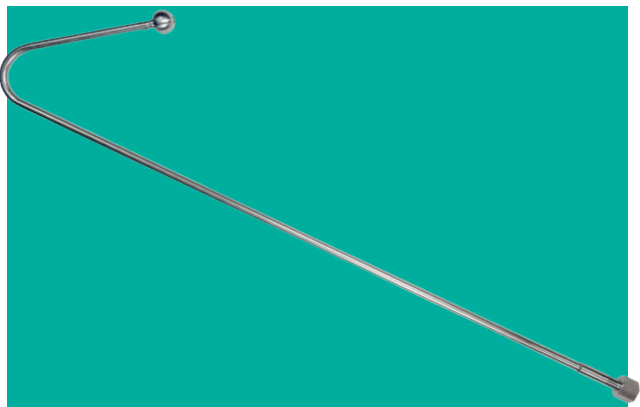
PART NUMBER EEEA149A



STACK ADAPTER PROBE

Easily access exhaust stack with this adapter for wireless gas/smoke meters

PART NUMBER RAD-SM1090



TYRE CHANGERS AND WHEEL BALANCERS

HEAVY DUTY RANGE

POWERFUL AND RUGGED TYRE CHANGING AND WHEEL BALANCING SOLUTIONS FOR HGV AND PSV VEHICLES

Rims and tyres are among the most stressed components of a vehicle. They must last a long time on all types of road surfaces, and in all types of weather.

HOFMANN heavy-duty tyre changers and wheel balancers are quick, simple to operate, long-lasting, and dependable thanks to the materials and production techniques used. Tyre and wheel shops, transportation companies, and municipal fleets will benefit from this equipment.





geodyna

WHEEL BALANCERS



monty

TYRE CHANGERS



GEODYNA® 980L

HGV AND PSV WHEEL BALANCER

The HOFMANN geodyna 980L is a professional wheel balancer for heavy goods vehicles with a wheel weight of up to 250kg and maximum diameter of 51 inches.



STANDARD FEATURES INCLUDE:

- Intuitive control panel and video display
- 2D SAPE - automatic entry of wheel diameter and wheel distance
- Virtual plane measuring (VPM) gives higher accuracy of results
- Automatic start of measurement when hood is closed and brake applied at end of spin cycle
- Five different options for weight positioning on wheel
- Electronic friction brake to retain the wheel in any position
- Guided weight positioning in Alu mode - using gauge arm weight applicator
- Split weight mode - hide weights behind wheel spokes for more appealing cosmetic finish
- Tyre matching mode - optimise tyre to the rim using fewer weights
- The cone adaptor is provided with a spacer and a cone for balancing of light-truck wheels.
- Truck wheels can be clamped and balanced using either of two optional clamping kits

PART NUMBER	DESCRIPTION
602774	geodyna 980L wheel balancer



GAUGE ARM

- The gauge arm is provided with a patented wheel weight clamp which keeps the wheel weight in the correct position during weight placement



WEIGHT TRAY

- The weight tray offers 27 housings for weights and also for the weight pliers



PNEUMATIC LOADING DEVICE

To assist clamping of heavy wheels

- Lifting capability: 250kg
- Pneumatic air supply: 8-12 bar



LIGHT TRUCK KIT

- Spacer and cone 122-172mm



QUICKBAL™

- 30% reduced cycle time, less than 4.5 seconds, maintaining the same high accuracy



TECHNICAL SPECIFICATIONS

MAXIMUM WHEEL DIAMETER	in	51
RIM WIDTH	in	8-26
MAXIMUM WHEEL WEIGHT	kg	250
DIMENSIONS (HXWXD, WITH WHEEL GUARD OPEN)	mm	1300 x 1120 x 1500
MACHINE WEIGHT	kg	270
LIFTER AIR SUPPLY PRESSURE	bar	8-12

GEODYNA® 4800 2L

HGV AND PSV WHEEL BALANCER

The HOFMANN geodyna 4800 2L is a professional wheel balancer for heavy goods vehicles with a wheel weight of up to 250kg and maximum diameter of 51 inches



STANDARD FEATURES INCLUDE:

- Intuitive control panel and 19" TFT widescreen display
- 2D SAPE - automatic entry of wheel diameter and wheel distance
- Input of rim width via capacitive keypad
- Virtual plane measuring (VPM) gives higher accuracy of results
- Automatic start of measurement when hood closed and brake applied at end of spin cycle
- Electronic friction brake to retain the wheel in any position
- Automatic static and dynamic unbalance measurement in a single measuring run
- Cone adaptor with spacer and light-truck cone of 120-170mm diameter
- Hidden weight mode
- Tyre matching mode - optimise tyres to rim using fewer weights
- Measuring speed less than 100 rpm
- Includes spacer and cone for balancing light-truck wheels
- Truck wheels can be clamped and balanced using either of two optional clamping kits.
- Comprehensive online help in more than 25 languages

PART NUMBER	DESCRIPTION
EEWB711BB1	geodyna 4800 2L wheel balancer



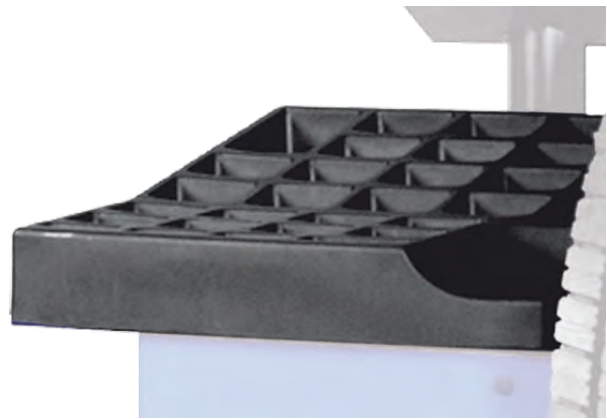
GAUGE ARM

- The gauge arm is provided with a patented wheel weight clamp which keeps the wheel weight in the correct position during weight placement



WEIGHT TRAY

- The weight tray offers 27 housings for weights and also for the weight pliers



PNEUMATIC LOADING DEVICE

To assist clamping of heavy wheels

- Lifting capability: 250kg
- Pneumatic air supply: 8-12 bar



LIGHT TRUCK KIT

- Spacer and cone 122-172mm



QUICKBAL™

- 30% reduced cycle time, less than 4.5 seconds, maintaining the same high accuracy



TECHNICAL SPECIFICATIONS

MAXIMUM WHEEL DIAMETER	in	51
RIM WIDTH	in	8-26
MAXIMUM WHEEL WEIGHT	kg	250
DIMENSIONS (HXWXD, WITH WHEEL GUARD OPEN)	mm	1300 x 1120 x 1500
MACHINE WEIGHT	kg	270
LIFTER AIR SUPPLY PRESSURE	bar	8-12



HEAVY-DUTY WHEEL BALANCER

TECHNICAL SPECIFICATIONS

POWER SUPPLY	V	230
	Ph	1
	Hz	60
DIAMETER RANGE OF CENTRING CONE: LIGHT TRUCK CONE	mm	122-172
DIAMETER OF SHAFT	mm	40
MEASURING SPEED		98
ACCURACY	g	1
RIM WIDTH (DYNAMIC BALANCING) 2	Inch	2-20
RIM DIAMETER:		
AUTOMATIC	Inch	8-26
MANUAL		8-30
MAX. WHEEL WIDTH	mm	650
MAX. WHEEL DIAMETER	mm	1300
MAX. WHEEL WEIGHT	kg	250
INPUT OF OFFSET	-	Semiautomatic via gauge arm
INPUT OF RIM WIDTH	-	Manual
DIMENSIONS WITH WHEEL GUARD OPEN (H X W X D)	mm	1370 x 1455 x 2005
WEIGHT OF MACHINE INCL. CONE ADAPTOR		>0.7/>0.5
GEODYNA 980L	kg	235
GEODYNA 4800-2L		238

HEAVY-DUTY WHEEL BALANCER

ACCESSORIES

	PART NO	DESCRIPTION
	30380	Three-arm star for truck/light-truck wheels with pitch circle diameters of 170/184.15/205/222.25/245mm
	30616	Pre-centring ring for light-truck wheels for rims of 17.5" and 19.5" diameter and centre hole of 202mm. To be used in conjunction with the three-arm star.
	30381	One off-truck bolt for Alcoa rims
	4028713	Standard clamping kit with two truck cones (198-225mm/270-286.5mm)
	4028764	Professional clamping kit for stud-hole location of wheels with four-arm/five-arm star and five bolts

MONTY® 3850

HGV AND PSV TYRE CHANGER

The HOFMANN monty 3850 is a compact tyre changer for rims of 14-26": ideal for tyre shops for mounting and demounting of tubed and tubeless truck and bus tyres on drop-centre and split-ring rims



- Tyre changer for wheels 14-26"
- Driven by electrohydraulics
- Rugged over-sized chuck
- Positioning of wheel and tool within a wide accurate adjustment range
- Infinitely self-centring universal hydraulic chuck
- Bead breaker disc with a unique design for bead breaker forces of up to 27kN
- Bead breaker steel disc mounted on specially hardened bushing is easy to lubricate and ensures long life
- Sideways movement of tool holder arm and chuck are hydraulically controlled for quick and convenient operation
- Bead breaker disc and mounting/demounting tool fitted on swing arm
- A non-return valve prevents accidental unclamping of wheels

PART NUMBER	DESCRIPTION
6027219	monty 3850 tyre changer



CHUCK

- The chuck is of solid design to accommodate wheels of up to 1000kg. A non-return valve prevents the chuck from opening in case of a sudden hydraulic pressure



BEAD BREAKER

- The bead breaker disc is equipped with a special tilting system in order to increase bead breaking effort and to make sure the bead breaking disc is always in optimum position relative to the rim



MOUNTING CLAMP



CONTROL CONSOLE



TECHNICAL SPECIFICATIONS

RIM CLAMPING RANGE	in	14-26
RIM CLAMPING RANGE INCL. EXTENSIONS	in	NA
MAX. WHEEL WIDTH	in	27.5
	mm	700
MAX. WHEEL DIAMETER	in	59
	mm	1500
MAX. WHEEL WEIGHT	kg	1000
BEAD BREAKING FORCE	kN	27
CHUCK SPEEDS		1
CHUCK MOTOR POWER	kW	1.8
HYDRAULIC MOTOR POWER	kW	1.5
DIMENSIONS (W X D X H) APPROX.	mm	1670 x 1400 x 840
WEIGHT	kg	540
POWER SUPPLY	V	400 3ph
	Hz	50

MONTY® 4250

HGV AND PSV TYRE CHANGER

The HOFMANN monty 4250 is a compact tyre changer with double reinforced frame and hydraulic control, for rims of 12-32": ideal for tyre shops for mounting and demounting truck, bus, agricultural vehicle and earthmover tyres



- Tyre changer of wheels 12-32" and up to 56" with optional extensions
- Driven by electrohydraulics
- Bead breaker disc with a unique design for bead breaker forces of up to 33kN
- Rugged over-sized chuck
- Mobile control unit with a switch to control two operations simultaneously
- Two chuck speeds, preset via a switch
- Hydraulically controlled tool holder and chuck arm
- Automatically rotating tool
- Mobile control unit fitted on swing arm

PART NUMBER	DESCRIPTION
EEWH739AE2	monty 4250 tyre changer



CHUCK

- The chuck is of solid design to accommodate wheels of up to 1500kg. A non-return valve prevents the chuck from opening in case of a sudden hydraulic pressure



BEAD BREAKER

- The bead breaker disc is equipped with a special tilting system in order to increase bead breaking effort and to make sure the bead breaking disc is always in optimum position relative to the rim



MOUNTING CLAMP



CONTROL CONSOLE



TECHNICAL SPECIFICATIONS

RIM CLAMPING RANGE	in	12-32
RIM CLAMPING RANGE INCL. EXTENSIONS	in	32-56
MAX. WHEEL WIDTH	in	43
	mm	1100
MAX. WHEEL DIAMETER	in	92.5
	mm	2350
MAX. WHEEL WEIGHT	kg	1500
BEAD BREAKING FORCE	kN	33
CHUCK SPEEDS		2 Manual Switch
CHUCK MOTOR POWER	kW	1.3-1.8
HYDRAULIC MOTOR POWER	kW	1.5
DIMENSIONS (W X D X H) APPROX.	mm	2100 x 2100 x 1480
WEIGHT	kg	760
POWER SUPPLY	V	400 3ph
	Hz	50

HEAVY-DUTY TYRE CHANGER

TECHNICAL SPECIFICATIONS

		MONTY® 3850	MONTY® 4250
FOR WHEELS TYPE		Road	Road/Agricultural/Construction
RIM DIAMETER NO EXTENSIONS	in	14-26	12-32
RIM DIAMETER WITH EXTENSIONS	in	-	32-56
CLAMPING CENTRE BORE RANGE	mm	130-560	130-690
WHEEL DIAMETER	mm	1500	2350
WHEEL WIDTH	mm	700	800
MAX WHEEL WEIGHT WORKING POSITION	kg	1000	1500
CLAMPING TYPE		Tulip clamp double effect	Tulip clamp double effect
CLAMPING AXIAL ORIENTATION		horizontal	horizontal
CLAMPING FORCE	kN	76.5	60
CHUCK SPEED		1	2 Manual switch
BEAD BREAKER TYPE		Disk	Disk
BEAD BREAKING FORCE	N	27000	33000
MOUNTING TOOL TYPE		Tool	Disk/Tool
DEMOUNTING TOOL TYPE		Fixed disk/tool	Tilting disk/tool
TOOLS TANGENTIAL TO THE RIM		No	No
TOOL LEFT/RIGHT TRAVEL		Manual three positions	Manual two positions
TOOL ROTATION		Manual w/lever	Manual w/lever
TOOL POSITIONING		Manual	Manual
HYDRAULIC PUMP FLOW		4.5	6
HYDRAULIC PRESSURE	bar	160	160
CARRIAGE, CYLINDER DIAMETER	mm	45	55
CHUCK ARM, CYLINDER DIAMETER	mm	60	70
INTEGRATED WHEEL LIFT		No	No
HYDRAULIC MOTOR	kW	1.5	1.5
CHUCK MOTOR	kW	1.8	1.3/1.8
POWER SUPPLY	V/Hz	400 3ph / 50	400 3ph / 50
MAX FOOTPRINT DIMENSIONS	mm	1670 x 1400 x 840	2100 x 2100 x 1480
NET WEIGHT	kg	540	760

HEAVY-DUTY TYRE CHANGER

ACCESSORIES

	PART NO	DESCRIPTION	MONTY® 3850	MONTY® 4250
	0001418	Short tyre lever	Option	Standard
	4004461	Long tyre lever	Option	Standard
	4002354	Bead pushing lever	N/A	Standard
	4009472	Mounting clamp	Standard	Standard
	4021852	Clamp for light alloy rims	Option	Option
	4007611	OTR clamp for split-ring rims	Option	Option
	EAK-0315G66A	Jaw protection kit	Standard	Standard
	4022287	Tubeless roller	Option	N/A
	4023741	Tubeless roller offset	N/A	Option
	4024715	Extensions 32"-56"	N/A	Option

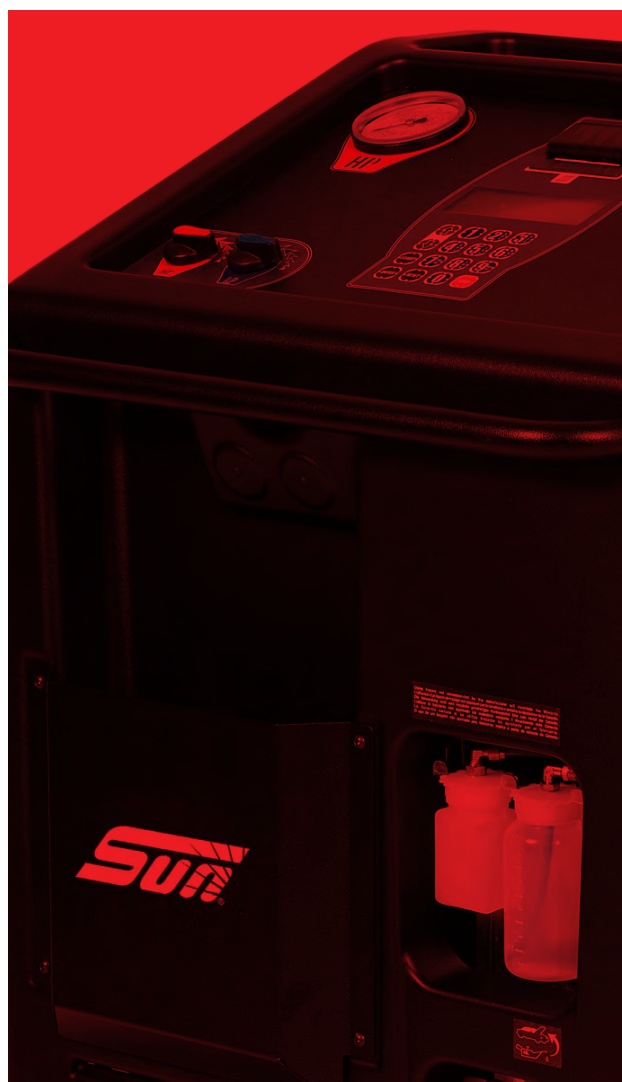
AIR CONDITIONING SERVICE EQUIPMENT

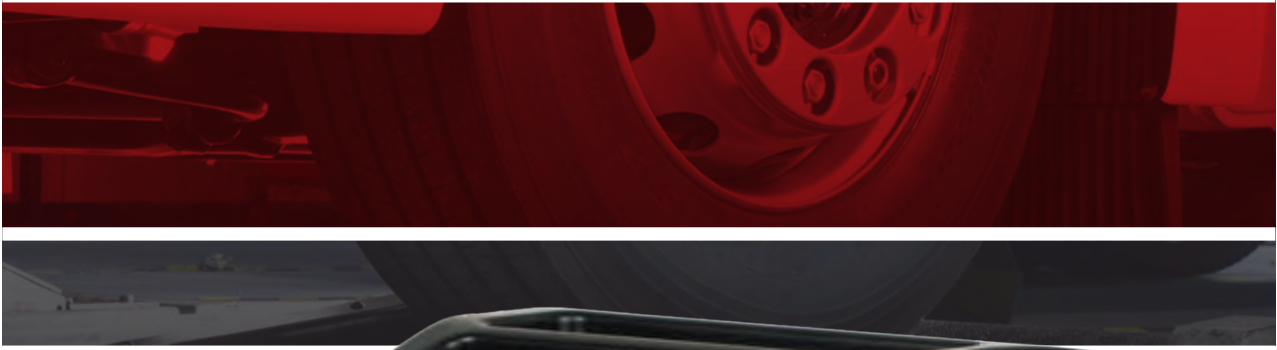
FOR HGV AND PSV VEHICLES

THE POWER PERFORMER FOR HEAVY-DUTY AIR CONDITIONING SYSTEMS

Sun® heavy-duty air conditioning equipment that meets the requirements for servicing big air-conditioning systems on HGVs and PSVs.

Refrigerant recovery, recycling and recharging made easy!





SUN[®] HD PRO AIR CONDITIONING MACHINE

FOR HGV AND PSV VEHICLES

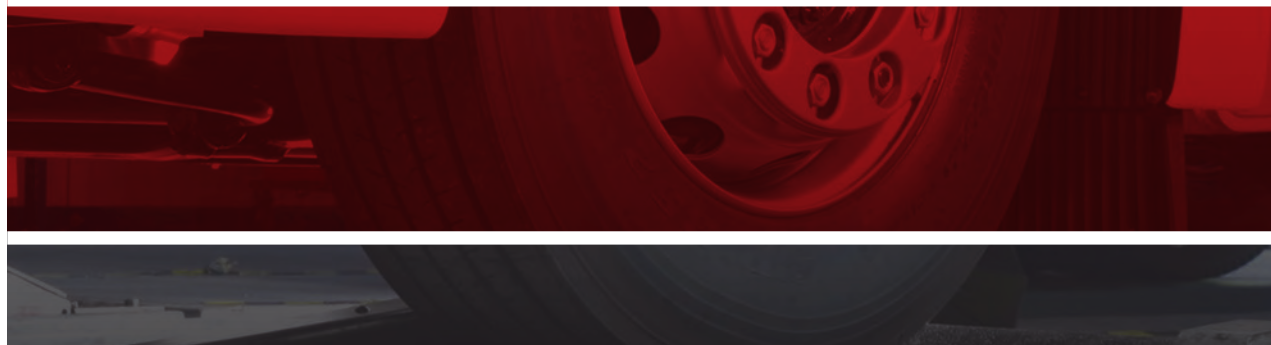
The Sun HD Pro is a heavy-duty air conditioning charging station for the recovery, recycling and charging of R134a refrigerant in climate systems for HGV, PSV and agricultural vehicles.

 **2-YEAR WARRANTY**



- **Extensive database:** A comprehensive and fully updatable built-in vehicle database
- **Hybrid servicing:** Suitable for servicing of climate systems in hybrid vehicles
- **Provides quick and easy referencing:** The machine automatically logs refrigerant usage in relation to recovery, system filling and bottle filling
- **100mm gauges:** Provides quick and easy referencing
- **Integrated thermal printer:** Gives you the ability to produce test results and receipts for your customers
- **Refillable hermetically sealed bottles:** Prevents ingress of oil, moisture and dye bottle contamination, giving a quality air conditioning service
- **Automatic system:** start the process and leave to run with no additional user input, saving time and increasing productivity of technicians
- **Extra long hoses:** 6m hoses allows for the procedure to be carried out while the vehicle is raised on a lift
- **Optional KoolKlean purification System:** Eliminate odour-causing bacteria, for a fresh-smelling climate system

PART NUMBER	DESCRIPTION
EEAC118C	Sun HD Pro air con machine
E-AEK102N145	R134a refrigerant flushing kit



INTUITIVE DISPLAY

- The alphanumeric display guides the operator easily through the logical and professional menu navigation. The pressure test with forming gas or nitrogen is a standard feature that provides an ecological method for leak detection



HIGH PRESSURE GEAR PUMP

- The special refrigerant high-pressure gear pump, with a capacity of 1kg/min flow rate in the liquid phase, provides a quick refrigerant charge, and along with the large 40l refrigerant storage tank and 6m service hoses, it makes working on very large A/C systems easy and fast



TECHNICAL SPECIFICATIONS

TYPE OF REFRIGERANT		R134a
WORKING TEMPERATURE RANGE	°C	11-49
VACUUM PUMP CAPACITY	l/min	170
FILTERS		2
VOLTAGE	v	220-240
	Hz	50-60
REFRIGERANT TANK	L	40
SERVICE HOSE LENGTH	m	6
DISPLAY LCD ALPHANUMERIC	mm	123 x 40
AIR PURGE FEATURE		Automatic
SCALE RESOLUTION	g	±10

COMMERCIAL DIAGNOSTICS

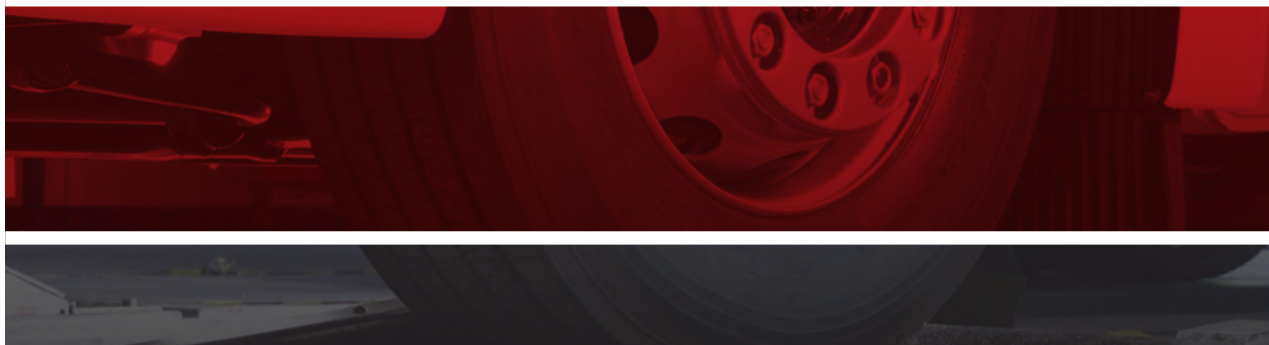
BRING EXPERT-LEVEL DIAGNOSTICS TO YOUR FINGERTIPS

ENGINEERED TO PERFORM ADVANCED COMMERCIAL VEHICLE DIAGNOSTICS AND MAINTENANCE TASKS

An all-in-one guided diagnostics system that gives you all of the information you need to diagnose even the most complex of jobs.

- ✓ **COMPREHENSIVE VEHICLE AND SYSTEMS COVERAGE**
- ✓ **THE BEST RANGE OF FUNCTIONALITY**
- ✓ **UNMATCHED CUSTOMER SUPPORT**
- ✓ **TROUBLESHOOTING BY SYMPTOMS AND ERRORS**
- ✓ **CALL CENTRE FOR TECHNICAL AND PRODUCT SUPPORT**
- ✓ **STEP-BY-STEP INSTALLATION GUIDES AND TECHNICAL INFORMATION**





COMMERCIAL DIAGNOSTICS

BRING EXPERT-LEVEL DIAGNOSTICS TO YOUR FINGERTIPS



PANASONIC TOUGHBOOK® 14"

Military grade, rugged PC, proven to withstand the rigours of a garage environment

- Liquid-resistant keyboard/touchpad
- Up to 20 hours of battery life
- Windows 10 Pro

MODEL : # FZ55

ALSO COMES WITH

- Link V9 interface
- Vehicle and PC connection cables
- Electronic Test Module - this module allows you to check the operation of the many electronic modules used in commercial vehicles



The Sun Commercial Diagnostics Unit is designed to perform advanced vehicle diagnostics and maintenance tasks, ideal for heavy-duty vehicles including trucks, light commercial and PSVs.

See detailed information including error codes, ECU data, wiring diagrams and repair time estimations as well as perform functional tests and calibration of components.

FEATURES

- A quick and intuitive software interface
- Coverage for trucks, light commercial and PSVs
- Automatic detection of systems and error codes
- Troubleshooting by symptoms and errors
- Integrated technical information, wiring diagrams and technical documents
- Scheduled updates and latest development implementations
- Call centre for technical and product support
- Step-by-step installation manuals and technical information are available from i-parts assist.
- Repair time estimation
- 12 months of online software upgrades included

Optional cables and accessories available, get in touch to find out more

MORE **RUGGED & POWERFUL** YET
LIGHTER & THINNER THAN EVER BEFORE



CHOOSE YOUR CONFIGURATION



CV - COMMERCIAL VEHICLES

Including HGV & PSVs



PART NUMBER	DESCRIPTION
EESCEU114G1	Commercial Diagnostics Kit with Panasonic Toughbook
EESCEU114G2	Commercial Diagnostics Kit

AGV - AGRICULTURAL VEHICLES

Including tractors and harvesters



PART NUMBER	DESCRIPTION
EESCEU115G1	AGV Diagnostics Kit with Panasonic Toughbook
EESCEU115G2	AGV Diagnostics Kit

OHV - OFF HIGHWAY VEHICLES

Including construction and road maintenance vehicles



PART NUMBER	DESCRIPTION
EESCEU116G1	OHV Diagnostics Kit with Panasonic Toughbook
EESCEU116G2	OHV Diagnostics Kit

MHE - MATERIAL HANDLING EQUIPMENT

Including forklifts, telescopic handlers and lift platforms



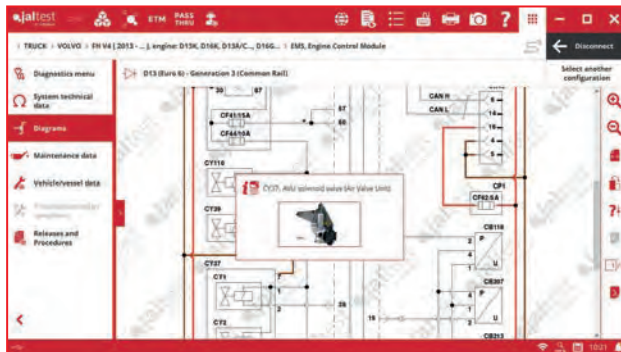
PART NUMBER	DESCRIPTION
EESCEU117G1	MHE Diagnostics Kit with Panasonic Toughbook
EESCEU117G2	MHE Diagnostics Kit

COMMERCIAL DIAGNOSTICS

BRING EXPERT-LEVEL DIAGNOSTICS TO YOUR FINGERTIPS

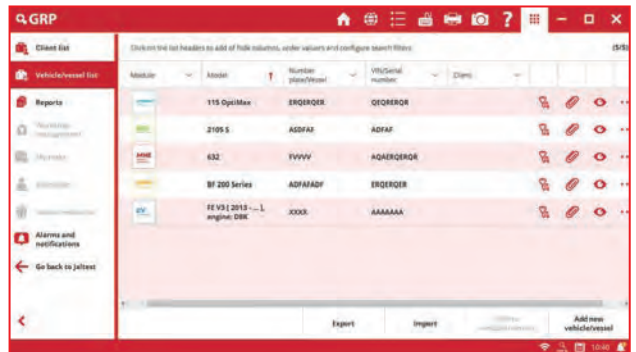
INTERACTIVE WIRING DIAGRAMS

Detailed diagrams show you how systems are configured and let you easily access technical data and advice to help speed up your diagnosis



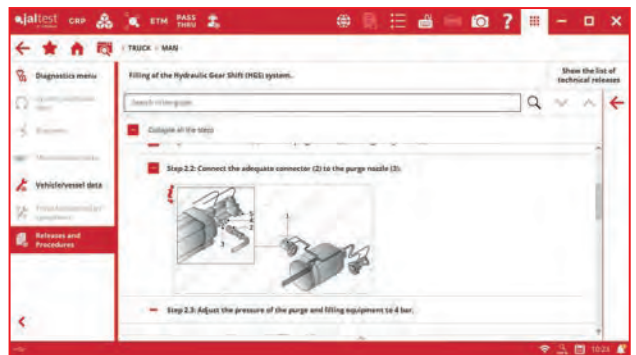
VEHICLE ID BY REGISTRATION PLATE

Access the history and data of a vehicle simply by entering its registration number, avoiding time-consuming searches



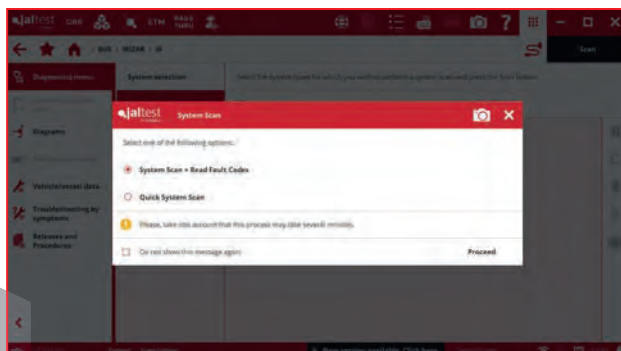
RELEVANT TECHNICAL DATA AND PROCEDURES

Frequently used vehicle data and procedures are grouped together for easy access



SYSTEMS DETECTION

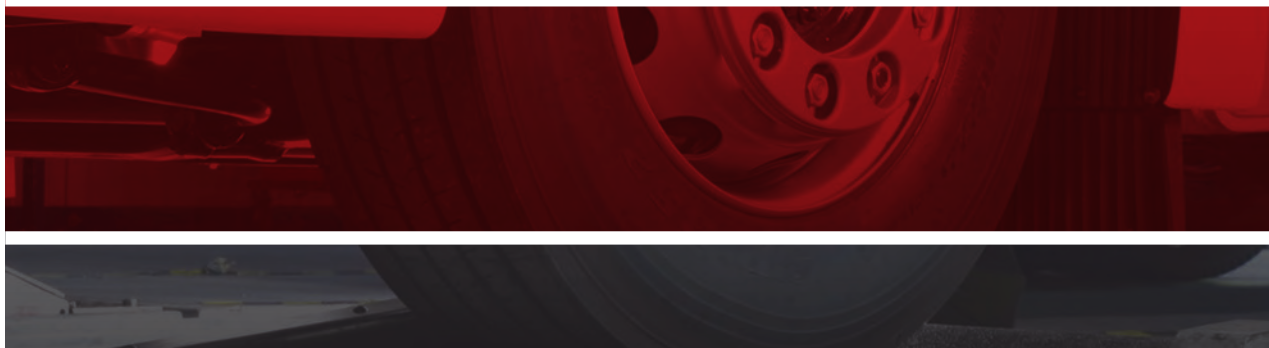
Detects only the systems that are specific to your vehicle and reads for errors, meaning you haven't got to spend time looking through data that might not be relevant



SOFTWARE UPDATES

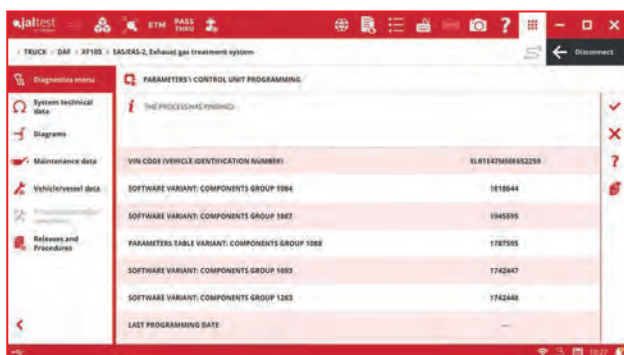
Each update brings with it additional manufacturer and system coverage so that the unit's capabilities are always on track with the latest developments





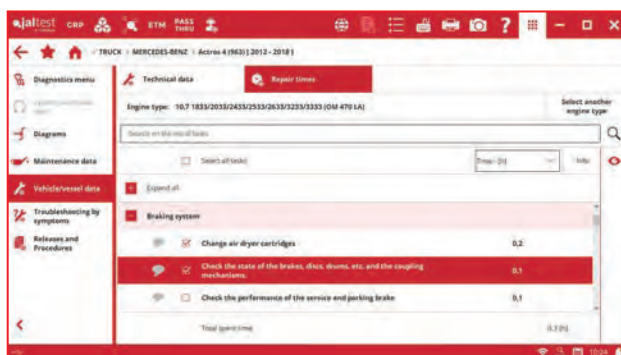
REPROGRAM ECUS

Expert mode unlocks the ability to reprogram ECUs with additional specialist tools



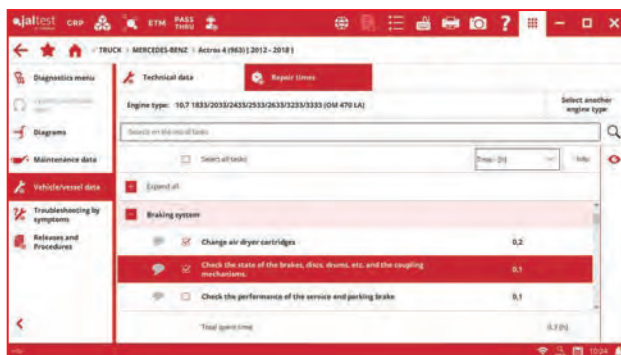
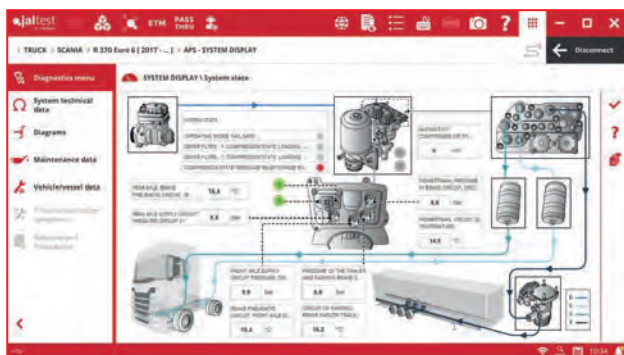
REPAIR TIMES

Guidance on the estimated time to complete a repair, meaning you can give an accurate estimate of the cost of the work to the customer



SYSTEM DISPLAY AND VIRTUAL INSTRUMENTS

Real-time data can be compared against known good measurements



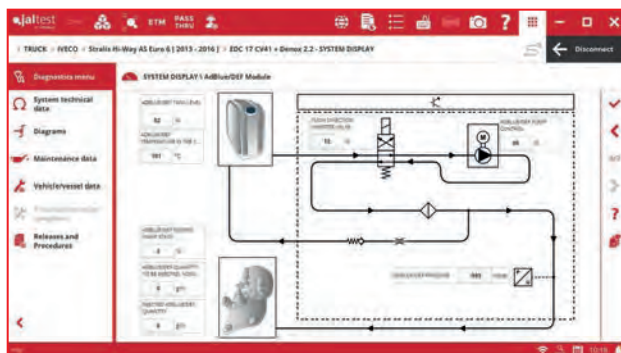
DETAILED TECHNICAL INFORMATION

Identify errors, parts, locations and more for every vehicle covered using images, diagrams, graphs and data



ADBLUE

Quickly get to the root of common problems with surrounding air supply valves, blocked exhaust injectors, and temperature sensors



SNAP-ON AFTERCARE SERVICE

WHEN YOU BUY FROM SNAP-ON YOU GET ACCESS TO:

THE BEST AUTOMOTIVE EXPERTS IN THE BUSINESS

We endeavour to provide our customers with outstanding service. We maintain this by receiving survey feedback from hundreds of customers every month. From our expert technical sales team who can advise you about the best solutions for your garage, to our world-class aftercare service, our entire team are committed to you achieving success and will provide you with the support to ensure that your doors are always open to customers.

OVER 40 GEA-ACCREDITED SNAP-ON SERVICE ENGINEERS ARE NATIONWIDE, SO QUALIFIED HELP IS NEVER FAR AWAY

We are very pleased that Snap-on Diagnostics have all their sales and service associates GEA-accredited, which gives garage owners and their vehicle technicians the confidence that they are dealing with a cutting-edge equipment company that they can depend on.



Chief Executive Officer at Garage Equipment Association

Julian Woods



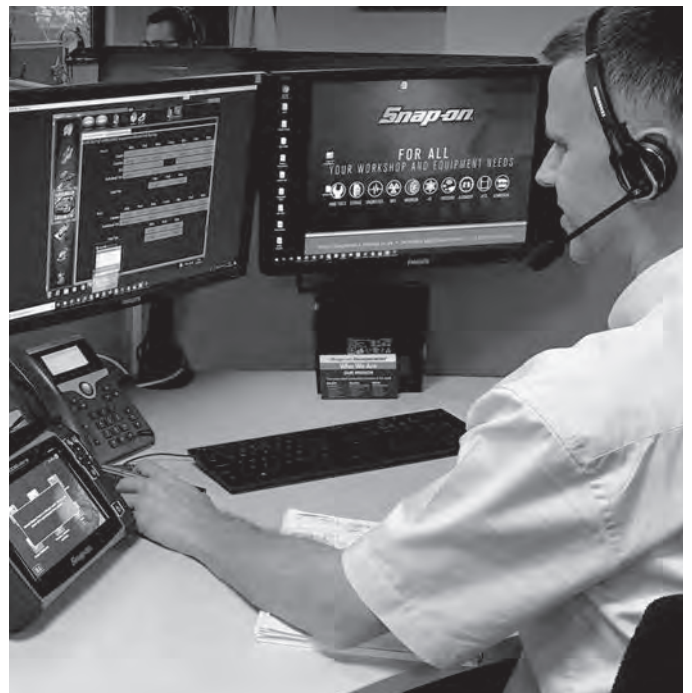
PEACE OF MIND

With managed routine maintenance and calibration programmes carried out via factory-trained Snap-on engineers



OUR UK CALL CENTRE TEAM

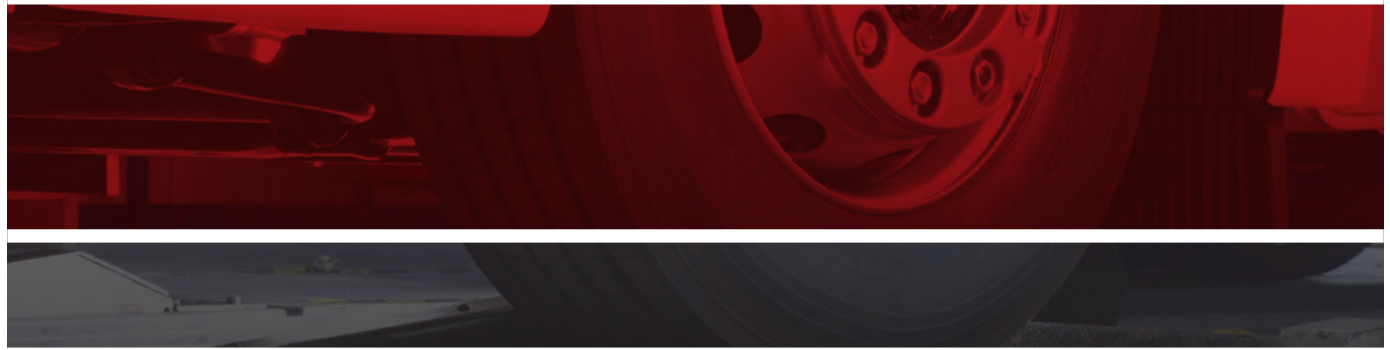
Have decades of experience within the automotive industry and are equipped to troubleshoot queries quickly



YOUR CALIBRATIONS AND MAINTENANCE APPOINTMENTS

Are scheduled by our expert UK customer care team - plus get live updates on service engineer arrival times





DEDICATED IN-HOUSE INSTALLATION ENGINEERS, CUSTOMER CARE AND PRODUCT SUPPORT TEAM

Snap-on have always provided us with exceptional service. In 2021 we had an MOT bay installed. The efficiency of the process - from purchasing, installation and follow-up - has been excellent.

Rob Collison
Chairman, Independent Garage Association



The delivery, setup, and install were fantastic. The guy who installed my gear was brilliant getting things perfect and demonstrating how my kit worked.

John
The Shed Motorcycle Service Centre

If I've ever needed any assistance due to equipment failure, **your staff have been there within 24 hours**, if the problem could not be rectified over the phone.

Fraz
Ash Vale MOT Centre

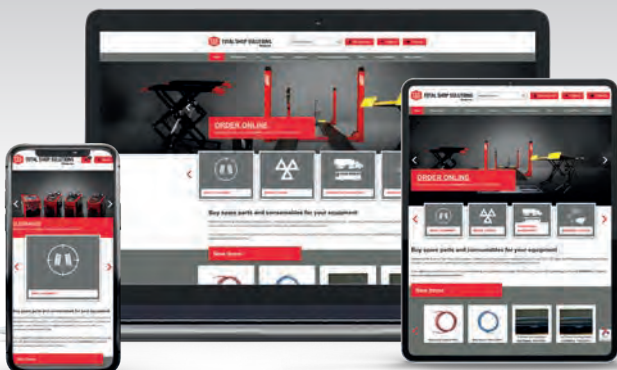
When the time comes to expand again, I won't be going anywhere else.

The service from Snap-on was truly first-class!

Jonathan
Motorcare, Woking

BUY SNAP-ON CONSUMABLES AND REFURB PRODUCTS

SNAPONCONSUMABLES.CO.UK
REGISTER NOW AND
SAVE 10% OFF YOUR FIRST ORDER
ENTER **ONLINE10** AT CHECKOUT*



*(Excludes refurbished and ex-demo products)

MAINTAIN YOUR INVESTMENT

Maintain your investment with our Snap-on contracts. We provide a range of options to suit your equipment needs.

CALIBRATION CONTRACT

We offer competitive calibration contracts for many of our garage equipment products.



ROUTINE MAINTENANCE

Take out a maintenance contract with us to ensure your equipment continues to run efficiently and safely years after your purchase.



EXTENDED WARRANTY CONTRACTS

Snap-on is known for its quality but sometimes the worst can happen. Give yourself peace of mind and extend your warranty.



CONTRACT PACKAGES

Speak to us and find out how you can save money by taking out multiple Snap-on contracts on your equipment.



CONTACT SNAP-ON

SNAP-ON SWITCHBOARD:
01553 692422

CONTRACTS TEAM:
CONTRACTS@SNAPON.COM

SERVICE TEAM:
SERVICEUK@SNAPON.COM



Snap-on[®] Finance

/////// **ZERO DEPOSIT AVAILABLE!** //////////////



INVESTING IN YOUR FUTURE:

Investing in new equipment will help you grow extra profit in your garage; made simple and hassle-free by spreading the monthly cost with Snap-on Finance.



SPREAD THE COST WHILE YOU EARN:

Snap-on Finance offers packages to suit all budgets meaning you can invest in all your equipment needs now.



PERSONAL SERVICE:

We will provide a personal service hassle-free by guiding you through every step of the process.



OUR EXPERIENCE:

With over 40 years of operation specifically in the automotive industry we know what works and we know how to make it work for you.



TAX BENEFIT:

Potential tax allowances relating to lease contracts may be available to you. Consult your accountant for more details.



FINANCE DOESN'T HAVE TO BE COMPLICATED:

- No setup fees
- No arrangement fees
- No early settlement fees
- Flexible payment terms
- six months to five years
- Zero deposit available*
- Helps you invest in your future
- Quick and easy application process
- Personalised quote
- Pay while you earn

*All financing, rates and terms subjects to status. Zero deposit available for some structures. Business Purposes Credit Only, subject to status. Contract terms and conditions apply. All finance provided by Snap-on Finance UK Limited. Snap-on Holdings is a broker to Snap-on Finance UK Ltd



NOTES



A series of horizontal dotted lines for writing notes.

COMMERCIAL GARAGE EQUIPMENT



TOTAL SHOP SOLUTIONS

Snap-on[®]



**SCAN
AND FIND
OUT MORE**





TOTAL SHOP SOLUTIONS

Snap-on[®]

COMMERCIAL GARAGE EQUIPMENT

snapon.com/commercial-uk techsales.uk@snapon.com 01553 692422

