



# WORKSHOP SOLUTIONS

EDUCATION ONLY

## VERLUS™ WIRELESS

### TRAINING INCLUDED

- Compare data - 16 graph view complete with parameter list along side and record all the data all the time
- Finding components - graphical display of component locations
- Checking components - Wiring diagrams and component test meter



### FREE DOCKING STATION

- First time fixing - use the scope to make accurate assessment of failures it tells you how to test, where to test and what your testing for
- Wireless and Keyless - freedom to work anywhere around the vehicle
- Easy access - Touch screen navigation

## VERDICT™

### TRAINING INCLUDED

- Wireless display, scanner and meter lets technicians be in more places at once
- Real world answers in your hands from anywhere in the shop: codes, live data, bi-directional controls, Fast-Track® guided component tests, Internet, Troubleshooter
- 1980 and later model year OEM-specific scanner coverage
- High-speed 2-channel scope and graphing meter



### FREE DOCKING STATION

- Keyless scanner module for quick, simple connection
- Wi-Fi and Internet browser to access web resources
- Windows® operating system
- Internal hard drive
- Touch screen operation

**NEW**

## SOLUS Ultra™

**65% LARGER SCREEN**  
**100% NAVIGATION**  
**MORE PORTABLE**

- Large 7" backlit colour display is easy to read in light or dark conditions
- Intuitive touchscreen navigation
- Fast boot up in less than 10 seconds
- Unique steady-charge battery system which charges automatically when connected to the vehicle



**MORE POWERFUL**  
**FIND PROBLEMS FASTER**  
**QUICKER SOLUTIONS**

- Detailed trouble code definitions, live data, functional tests, relearns and adaptations
- Custom data lists, freeze frame, PID sorting, pause, zoom, PID trigger, snapshot and cursor functions, displays what you want to see

ASK ABOUT SOFTWARE UPGRADES **OFFER!** OR DIAGNOSTICS **TRADE-IN!**



SCAN WITH YOUR SMART PHONE TO VISIT OUR DIAGNOSTIC WEBSITE

## Blue Point Student Tool Kit

KSK608



### Set Comprises:

- KRCB Series Roll Cart Royal blue
- 77 pc 3/8" Square Drive Socket Set
- 47 pc 1/4" Square Drive Socket Set
- 12 Pc 8-19mm Combination Spanner Set
- 7 Pc Screwdriver Set
- 5 Pc pliers Set
- Tool Control Foam Black on Red

OVER  
300  
SOLD TO  
COLLEGES

ASK FOR  
MORE  
DETAILS



## 1/2" Square Drive Blue Point Combination Metric General Service Set

326MBPGSS



### Set Comprises:

- 10 - 32mm - 18pc (6pt) shallow sockets
- 3 x Extensions (3", 6" & 10")
- 2 x Adaptors
- Universal Joint
- High impact carrying case
- 1/2" Ratchet
- 1/2" Drive flex handle

## 3/8" and 1/4" Square Drive Blue Point Combination Metric General Service Set

2100MBPGSSUK

### Set Comprises:

#### 1/4" Drive

- 4-13mm (6pt) shallow sockets
- 4-13mm (6pt) deep sockets
- Tamper Torx® T10-T30
- 3-8mm Hex bit sockets
- Slotted / Pozidriv® / Phillips® bit sockets
- T40 Ratchet Spinner handle
- Universal joint extension 1-1 1/2"
- 3" Flex Handle
- High impact carrying case

#### 3/8" Drive

- 10-14mm (6pt) shallow sockets
- 10-24mm (12pt) deep sockets
- 3/8" Ratchet
- Universal Joint
- 3 x Extensions (3", 6" & 10")
- Flex Handle
- 16mm and 21mm Spark plugs / sockets
- FX 1/4" M Adaptor
- Slide T Handle



## 3/8" Square Drive Blue Point Combination Metric General Service Set

277MBPGSSUK

### Set Comprises:

- 6pt sockets: 6 - 24mm
- 12pt deep sockets: 6 - 24mm
- Torx® sockets: E4 - E10, E12, E14, E16, E18, E20
- Phillips® bit socket: 3, 4
- Pozidriv® bit socket: 3, 4
- Hex socket: 6, 7, 8, 10mm
- Torx® bit sockets: T10, T15, T20, T25, T27, T30, T40, T45
- Ratchet
- Spinner handle
- Universal joint
- Extension 3", 6", 10"
- Flex handle
- Spark plug socket: 16, 21mm
- F x 1/2" M adaptor
- F x 1/4" M adaptor
- Drive sliding T-handle



## 1/4" Square Drive Blue Point Combination Metric General Service Set

147MBPGSSUK

### Set Comprises:

- 12-pc - Shallow 6pt sockets: 4 - 14mm
- 10-pc - Deep 6pt sockets: 4 - 13mm
- 6 Hex bit sockets: 3 - 8mm
- 6 Torx® bit sockets: T10, 15, 20, 25, 27, 30
- 3 Phillips® bit sockets: PH0, PH1, PH2
- 3 Flat bits
- 1/4" Drive quick release ratchet
- Driver handle
- Extension bars: 1 1/2" and 3"
- Universal joint spinner
- 6" Flex bar



## Blue Point 7pc Screwdriver Set

BSGD70



### Set Comprises:

- 3 & 4mm electronic flat plus standard 5.5, 6.5, 8mm flat blades
- POZIDRIV® 4" #1 and 5" #2 blades
- Vapor-blasted tips - offer grip strength and corrosion resistance
- Combination handle of Elastomer and Rudolit® create efficient blend of hand comfort and torque transfer with minimal effort

## Blue Point 5pc Plier & Cutter Set

BLP501



### Set Comprises:

- Slip joint pliers
- Lineman's pliers
- Needle nose pliers
- Adjustable pliers
- Diagonal cutters
- Soft moulded handles deliver optimal comfort during high strength gripping
- Drop forged chrome/nickel alloy is fine polished for corrosion resistant finish

## Blue Point 8-19mm Metric Combination wrench set

BLPCWSM712



- 5° offset box end for knuckle clearance
- Dual Pawl ratcheting box end and that means smooth operation and maximum strength
- Features Flank Drive®

### Set Comprises:

- 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

## Blue Point 1/2" Square Drive 40-210 Nm Torque Wrench

STARD150B2



## Blue Point 3/8" Square Drive 20-110 Nm Torque Wrench

STARD080B2



ASK FOR MORE INFORMATION ON OUR FULL RANGE OF SERVICE SETS AND BLUE POINT TOOLS

## 4 POST SVL LIFT

The SVL35 4 post lift is a standard 3.5 tonne capacity lift and can be either recessed or surface mounted, dependant on your workshop requirements.

This 4 post lift has a high quality durable paint finish and comes with optional hydraulic jacking beam.

### SPECIFICATIONS

• Operation	Electro-hydraulic
• Capacity	3200kg
• Weight	780kg
• LiftTime	45sec
• Lowering Time	45sec
• Lifting Height	1920mm
• Power	2.2kw - 3ph.
• Voltage	230-400V
• Frequency	50Hz



## 2 POST, TWIN RAM ELECTRO-HYDRAULIC LIFT



### SPECIFICATIONS

• Heavy Duty Low Profile Floor Plate	
• Lifting Capacity:	5000kg
• Lifting Height:	1900mm
• Min. Height:	100mm
• Lifting Time:	55 seconds
• Voltage:	220/380V, 50/60HZ
• Power:	2.2KW
• Rated Oil Pressure:	18Mpa
• Inside Column:	3342mm
• Post Height:	2912mm

**ASK FOR MORE DETAILS**



# AUTOMATED TEST LANE



### FEATURES

- Class IV or VII lift with integral play detector
- Bearing radius plates
- Jacking beam 2000KG or 3000KG
- Class IV or VII roller brake tester, with easy to use PC software
- Brake roller cover plate
- Rail mounted headlight beam setter



### OPTIONS

- ATL scissor lift with integral play detector
- Ancillary park
- Convex mirrors
- Pedal depressor
- Suspension tester
- Side slip tester

**ASK FOR FURTHER INFORMATION ON MOT BAYS**



## STC 9 TYRE CHANGER

- Rugged design for long life
- Swing arm for user-friendly handling of a wide range of tyre and rim sizes
- Outer clamping range up to 20"
- Rugged turntable 14 mm thick to handle large wheels and/or wheels with low-profile tyres
- Standard accessories: Tyre lever, pressure gauge and manual tyre inflator, plastic protectors for mounting head and jaws



## SWB 9 WHEEL BALANCER

- Conspicuous LED display integrated in weight tray
- Manual data input
- Motorised spin
- Static and dynamic unbalance measurement in a single measuring run
- RPI technology (Real Plane Imaging)
- 6 balancing modes, 5 of which for alloy wheels
- Spoke mode with hidden weight function
- Optimisation mode
- Compact footprint for minimum space requirement
- Textured surface finish for durability
- Standard accessories: Wheel guard, 3 centring cones 48-128 mm dia., quick-clamping nut, clamping head with ring and protector, compression spring, rim width callipers, universal weight pliers, 3 storage pegs on the left-hand machine side, calibration weight



**ASK FOR A GREAT DEAL**

# Snap-on® EXCELLENCE IN EDUCATION

For over 80 years Snap-on has been the choice of the professional tool user, and is today the brand of choice for aspiring technicians and engineers. Working in partnership with education establishments, we provide the best tools and workshop equipment via our **Excellence in Education** programme which provides:

- Partnerships
- Diagnostics Certification
- Torque Certification
- Meter Certification
- Education Discount Scheme
- Top Students Awards
- Safety Meetings
- Trial Tools
- Toolbox Exchange
- Free Laser Engraving
- Tool Control Foam at Cost
- Discounts on Ex Demo Tools
- Signage
- Safety posters

Our goal is to set up a national certification programme for Auto Diagnostics, Multi Meters, Torque Applications and FOD/FME.

With Colleges at the heart of the programme and our Train the Trainer initiatives this will lead to full cost courses to be provided by Partner Colleges to industry & other Educational providers

We also plan to offer programmes for training with generic toolkits for Automotive, Aerospace, Oil and Gas, Rail, Utilities and provide introductions to our specialist sectors.



**ASK YOUR SNAP-ON INDUSTRIAL M**



# EXCELLENCE IN EDUCATION™



We also offer a bespoke service that:

- Will take your school to the next level
- Complete turnkey solution provider
- Concept to completion
- Expert consultation
- Deliver service and quality that you expect

Snap-on Support 'Out of the Garage' Training in all Industries including:

- Aerospace
- Oil & Gas
- Wind Energy
- Rail
- Utilities
- Shipbuilding
- Power & Energy

CONTACT YOUR LOCAL MANAGER FOR FURTHER INFORMATION

## SCANGAS PLUS™



### Gather all the evidence for effective diagnostics

To diagnose any problem quickly the technician needs to gather all the diagnostic evidence and see the big picture of what is going on inside a vehicle.

Gas Analysis can provide an instant assessment of the engine and condition of the catalytic convertor.

ScangasPlus is an easy to use, fully portable gas analyser that can now be linked to your VERUS and VERDICT via Bluetooth. This combines all the important diagnostic evidence into one platform.

### NEW FEATURES

- Improved internal battery life go anywhere, use anywhere
- "Smart Charge" fast re-chargeless down time
- Bluetooth enabled links to VERUS and VERDICT also Bluetooth enabled PC
- Additional software included, digital and graphing screens in "in real time" via Bluetooth
- Service interval indication prior notice of up coming service requirement
- Pressure compensated for improved accuracy

Use your ScangasPlus to it's full potential



Potential problems that can be detected:

- Misfire
- Engine compression faults
- Lambda sensor failure
- Catalytic convertor failure
- Dirty air filter
- and much more...

ScangasPlus also includes the award winning exhaust gas diagnostic software 4GAGAR

This software can be loaded to VERUS or a PC to provide a quick and easy exhaust gas test enabling you to produce a detailed report highlighting the need for any work required now or in the future.



**ALSO AVAILABLE IN NON BLUETOOTH VERSION**

## BATTERY CHARGER

EEBC500UK

Just like vehicle diagnostics, battery technology has advanced too. The old metalbox battery chargers we all know and love just aren't suitable for today's vehicles.

There haven't been to many advancements in battery and battery charging technology until recent years, the days where we could just plug our classic charger into any battery have long gone, and using an old charger on a modern system can even cause damage. We now have to have things like auto detection so the charger sets the correct charge pattern for that specific battery (just like the cars ECU and alternator do), Voltage stabilisation for ECU Programming and diagnostic test procedures, and even battery reconditioning programmes to stop sulphating occurring.

### WHY UPGRADE?

- An old charger will only give a badly discharged battery a surface charge, it won't clear the sulphation meaning the charger can't give a full long lasting charge
- An old charger won't stabilise voltage whilst your doing diagnostic work or re-programming ECU's
- An old charger won't cover all the new battery types such as Calcium, maintenance free etc
- An old charger won't automatically charge the battery in the way the manufacturer intended ensuring no damage can be caused to the car or the battery

### THIS BATTERY CHARGER WILL



### BATTERY CHARGERS HAVE CHANGED, HAS YOURS?

#### VOLTAGE STABILISER:

60 amps @ 13.4v & 14.8v – Means trouble free diagnostic work and ECU programming

#### STARTING POWER:

300 amp crank assist engine starter in 12v mode – Means it's powerful, there's not a lot it won't start!

#### INFORMATIVE:

Digital display giving voltage, % of charge and alternator % of performance – Means clear information so you can see what's happening

#### CHARGES ALL BATTERY TYPES:

6v / 12v / 24v - Calcium, lead acid, gel, leisure batteries – Means total coverage

#### CONDITIONS THE BATTERY:

Automatically detects and runs a desulphation programme when needed – Means long life for the battery

## TEST SETS

### CYLINDER LEAKAGE TESTER

AST4680



#### 5 Reasons for using the product and undertaking a test

1. Allows a mechanical pressure reading to be taken from the oil pump. If the oil warning light is displayed, but the pressure reading is within specification the sensor is faulty.
2. Oil pressure is higher when the engine is cold due to the increased viscosity of the oil, and also increases with engine speed until the relief valve opens to divert excess flow.
3. Oil pressure is lowest under hot idling conditions, and the minimum pressure allowed by the manufacturer's tolerances is usually given at this point.
4. Excessive oil pressure may indicate a blocked filter, blocked oil gallery or the wrong grade of oil.
5. Low oil pressure indicates possible mechanical problems.

### COMPRESSION TESTER

AST4675B



#### 5 Reasons for using the product and undertaking a test

1. Compression should build up quickly in a healthy engine.
2. A low compression on the first stroke, followed by gradually increasing pressure on successive strokes, indicates worn piston rings.
3. A low compression reading on the first stroke, which does not build up during successive strokes, indicates leaking valves or a faulty head gasket (a cracked head could also be the cause).
4. If the pressure in any cylinder is considerably lower than the others, introduce a small quantity of clean oil into that cylinder through its spark plug hole, and repeat the test. If the addition of oil temporarily improves the compression pressure, this indicates that bore or piston wear is responsible for the pressure loss. No improvement suggests that the leakage is past the valves, or a faulty head gasket may be to blame.
5. A low reading from two adjacent cylinders suggests a faulty head gasket between the two cylinders. The presence of coolant in the engine oil will confirm this.

### OIL PRESSURE TEST KIT

AST4494B



#### 5 reasons for using the product and undertaking an oil pressure test.

1. Allows a mechanical pressure reading to be taken from the oil pump. If the oil warning light is displayed, but the pressure reading is within specification the sensor is faulty.
2. Oil pressure is higher when the engine is cold due to the increased viscosity of the oil, and also increases with engine speed until the relief valve opens to divert excess flow.
3. Oil pressure is lowest under hot idling conditions, and the minimum pressure allowed by the manufacturer's tolerances is usually given at this point.
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5. Low oil pressure indicates possible mechanical problems.

## The Beast

SNX3-4P

3 tonne Service Jack

The Beast just got Better

- 3 tonne service jack now with a monster pump and ram creating a 4 pump lift to full height
- As always, heavy duty frame, nylon casters for smooth running and foam grip handle for extra protection



NOW ONLY 4 PUMPS TO FULL HEIGHT

## The Baby Beast

SNX2CETJ

Professional quality in a compact package

- 2 Tonne Capacity
- Min Height 70mm
- Max Height 500mm
- Weight 34kgs



And of course it includes the twin plungers for a speedy lift to increase productivity!

## Aluminium Jack

SNX25ARJ

- 2.5 T Capacity
- Only Weighs 24kg – single man lift
- Perfect for Mobile Guys, Race Teams, Homers...
- Dual pump for quick Lift – 5.5 strokes to full height
- Min Lift – 95mm
- Max Lift – 485mm



## 3T AXLE STAND

SNX3JSR

- 3T capacity
- Ratcheting mechanism



## RAPID LIFT TRANSMISSION JACK

SNXTTJQ

- 450kg lift capacity for perfect for the vast majority of Auto and Manual transmissions
- Sonic Speed lift – 16 pumps to full height, gets you working on the car quicker
- Wide foot pedal for easier and safer control of raising
- Micro control release of safe and controlled decent
- Heavy duty long life steel base frame
- Saddle Tilt: 23 Deg Forward, 16 Deg Rearward, 7 Deg Sideways Left & Right
- Dimensions: 36" x 42"



## OIL DRAINER - 18 GAL

SNXOD

- Air Discharge
- Reservoir Level Indicator
- Min / Max Height – 1245/1663mm
- Bowl Diameter – 420mm

Suitable for OIL COOLANT AT FLUID



## HOT WATER STEAM CLEANER

KARSNAPPACK

The extension hose makes it possible to clean large vehicles without moving the machine. The vehicle flexi lance makes it far easier to clean wheel arches, roof and chassis. The foam applicator can be used to adhere detergent to the vehicle to provide a more thorough clean and efficient use of detergent. The natural bristle wash brush can agitate your detergent for a more thorough clean. The power nozzle and Dirtblaster nozzle can provide a more aggressive clean and the brass steam nozzle projects a 50% fan to make your steam clean more efficient.

Power: 3.2kW (240V)  
290-550 litres per hour  
120 bar pressure



## PROFESSIONAL VALETING MACHINE

The PUZZI8/1 Compact is designed with the valet in mind. This powerful extraction machine simultaneously inject and vacuums detergent to deep clean and re-new your vehicle upholstery. The large motor and improved airflow means upholstery drying times are drastically reduced. The floor lance is available separately and can be added for deep cleaning carpets. With impressive performance and unrivalled reliability, the PUZZI8/1C has become the new industry standard for the professional valet.



## AMP CLAMP METER

EEDM575D

- Non-Intrusive amp testing – safely measure amps with the quick open slim line jaws
- Temperature testing – Use any K-type thermocouple for testing (MT586-4 included). Press the REL button and see the differential temp between the first and second temp
- NCV (non contact voltage tester) – quickly test for AC voltage with the press of a button
- Peak Hold – captures highest reading during starter draw tests or voltage drops



## HIGH AMP CLAMP

EETA502C

- As the engine rotates on to the compression stroke there is a greater load on the started motor
- Using a Scope each waveform is a cylinder
- If there is low compression you will have 1 wave form lower than the other
- Perfect for a hassle free quick check!!



## INTRODUCING THE NEW AND EXCLUSIVE INVERTER AIR POWER PLASMA 2025M

Conforms and is certified to latest E.U norms, IEC 60974.1 and EN 610000-3-12

The high quality inverter electronics are power factor corrected and require low input current with stable performance across a wide input voltage range (190-260 Volts 50Hz). You can use this from a generator with an output of over 4 KVA.

Able to achieve a good quality cut in steel up to 6.0mm it is also important that the output can be adjusted to give controlled and easy use when cutting thin sheet materials such as car body panels.

The machine comes complete with an integrated torch made to meet the highest standards of quality and safety demanded by plasma cutting. With a 4 metre lead and a small profile head you can get into all those tricky to access places.

Complete with an air regulator which is mounted on the rear of the compact and light weight unit.

### WHAT YOU NEED:-

Single phase electrical supply(10 amp)  
and 3.5 bar compressed air supply(55 Lt/min).



**ONLY  
WEIGHS  
9.4KG!**

**6MM  
CLEAN  
CUT IN  
STEEL**

## ASK FOR MORE INFORMATION

## 180 AMP MIG WELDER

- Professional quality single phase compact Mig
- Wire feed control & spot timer
- Specially designed inductance circuit to give excellent weld characteristics with low spatter
- Heavy duty chassis and undergear

### SPECIFICATION

Input Voltage	230V 50/60 Hz
Fuse Rating	13A
Open Circuit Voltage	23-31V
Current Settings	28-180A
Duty Cycle	(10 min-40°C) 110A @ 20%
Regulation Steps	6
Wire Size mm	0.6 - 0.8
Max Spool Size	Ø 300 mm 15 Kg
Protection Class	IP 21
Weight Kg	57
Dimensions mm	780 x 345 x 450



**ASK YOUR  
ABOUT  
OUR FULL  
RANGE OF  
MIG WELDERS**



- Single Phase 230 Volt
- 160 Amp Multi Process Welder
- Weighs only 13kg
- Low Power Consumption
- Mig welding of Steel, Stainless Flux Cored Wire (Gasless)
- DC Tig Welding - Steel & Stainless
- MMA Electrodes up to 3.2mm
- Can operate from 6KVA Generator

### WHAT IS SYNERGIC?

Tell the machine what you want to weld by selecting the programme number

Then set the thickness

The machine automatically sets the wire speed and output for the optimum welding conditions

### SYNERGIC PROGRAMMES

PRE-STORED EXPERT SETTINGS = MIG BRAZING AND ALUMINIUM MIG WELDING MADE EASY

### WHO WILL LOVE THIS WELDER?

- Auto Body Technicians
- Maintenance Engineers
- Agricultural Engineers
- Bike or Marine Enthusiasts

## 3.0HP - 9.0 CFM FAD BELT DRIVE AIR COMPRESSOR

WSBP30-200-1

- 3.0 HP Motor
- 200 Ltr Air Receiver
- 13.0 CFM Displacement
- 9.0 CFM FAD
- 230 Volt Single Phase
- Pre-Wired Ready To Install
- Automatic Stop/Start Control
- Cast Iron Cylinder Block

**GREAT VALUE 10 BAR COMPRESSOR ON A MASSIVE 200 LITRE RECEIVER**



## 4.0HP - 13.6 CFM FAD HIGH OUTPUT SINGLE PHASE BELT DRIVE AIR COMPRESSOR

WSEC40-200

- 13.6 CFM FAD
- Automatic Stop/Start Control
- Pre Wired Ready To Install
- Requires 30 Amp Supply
- 4.0HP Motor
- 200 Ltr Air Receiver
- Single Phase 230V
- 18 CFM Displacement
- Up-rated motor and twin piston pump



## 5.5HP - 16.0 CFM FAD BELT DRIVE AIR COMPRESSOR

WSBP55-270-3

- 5.5HP Motor
- 270 Ltr Air Receiver
- 3 Phase 400V
- 20 CFM Displacement
- 16 CFM FAD
- 10 Bar Max. Pressure
- Automatic Stop/Start Control
- Pre Wired Ready To Install



**ASK FOR FURTHER  
INFORMATION  
OR OFFERS  
ON ANY OF  
THE PRODUCTS**