



MOBILE MULTIFUNCTION OIL STATION 100L

MODEL NO: **AK485DX & AK490DX**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to
instructions



Wear eye
protection



Wear protective
gloves



Wear protective
clothing

1. SAFETY

- ☐ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ✓ Familiarise yourself with the application and limitations of the oil drainer, as well as the potential hazards.
- ☐ **WARNING!** Disconnect the drainer from the air supply before changing accessories, servicing or performing any maintenance.
- ✓ Maintain the drainer in good condition (contact your local Sealey stockist).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting.
- ✓ Keep the drainer clean for best and safest performance.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ☐ **WARNING!** While extracting high temperature oils, keep hands, face and body protected using suitable personal protective equipment (PPE).
- ✗ **DO NOT** Extract caustic or flammable products.
- ✓ Keep children and unauthorised persons away from the working area.
- ☐ **WARNING!** Ensure correct air pressure is maintained and not exceeded.
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use, and ensure that all connections are secure.
- ✗ **DO NOT** use the drainer for any purpose other than that for which it is designed.
- ✗ **DO NOT** operate the drainer if any parts are damaged or missing as this may cause failure and/or personal injury.
- ✗ **DO NOT** stand on the drainer.
- ✗ **DO NOT** adjust or tamper with the safety valve.
- ✗ **DO NOT** move the drainer by the hose, or yank the hose from the air supply.
- ✗ **DO NOT** place attachments close to your face (especially eyes, ears, etc.) and **DO NOT** point hose at other persons or animals.
- ✗ **DO NOT** allow untrained persons to operate the drainer.
- ✗ **DO NOT** operate the drainer when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** leave the drainer operating unattended.
- ✗ **DO NOT** direct air from the air hose at yourself or others.
- ✓ When not in use disconnect from the air supply, vent reservoir and store in a safe, dry, childproof area.
- ✓ Dispose of waste oil in accordance with local authority regulations.
- ☐ **WARNING! DO NOT** pollute the environment by allowing uncontrolled discharge of waste oil.
- ▲ **DANGER! DO NOT** release drain pan clamp lever when there is pressure in the reservoir as pipe and drain pan will be propelled upward with force. This could result in damage and/or serious injury.
- ✓ Air compressor must maintain stable 0.7 Mpa pressure.
- ✓ The air supply pipe requires a diameter of 10mm.
- ✓ Ensure your air compressor produces dry air.
- ✗ **DO NOT** use the equipment for functions not listed in this manual.
- ✓ For repair services, please contact your Sealey stockist. **DO NOT** attempt to repair it yourself.
- ✗ **DO NOT** alter or disassemble equipment without authorization; serious consequences may occur.
- ✗ **DO NOT** use the lifting rod as a handle; secure loose adjusting screws.
- ✓ Immediately shut off the air supply and inspect for leaks if detected during operation.
- ✓ Maintain air supply pressure within the specified range for proper equipment function.
- ✓ Handle extracted waste oil with care (40~80°C) to prevent burns.
- ✓ Wear gloves and goggles for eye and hand protection.
- ✓ Always keep the engine off during operation.
- ✓ Avoid extracting gasoline, diesel, or liquids with methanol, ketones or flammables.
- ✓ After draining the used oil, make sure to quickly pour it from the measuring cup into the tank to keep the cup in good shape and make it last longer. No need to close the measuring cup drain valve after emptying waste oil.
- ✓ After operations, release equipment pressure, clean it, and handle carefully to prevent damage or injury.
- ✓ Keep away from high temperature, high pressure, and flammable or explosive areas.

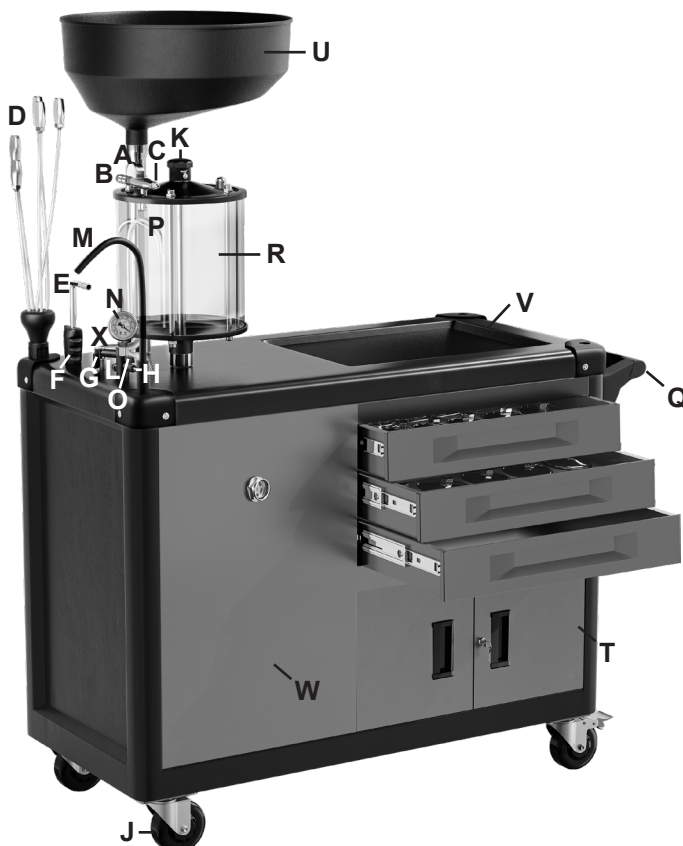
2. INTRODUCTION

Three drawer mobile oil station keeps everything close to hand. Five suction probes for extracting oil via dipstick port (fits most vehicles). Three pull out drawers and large cabinet under drawers for extra storage for storing tools and equipment. Clear chamber, making extracted oil visible for inspection and measuring before draining into reservoir. 100L Capacity allowing for multiple oil changes. Perforated side panels for hanging tools and accessories. An air supply is required. AK490DX also includes 61pc oil filter tool set for removing all types of oil filters.

3. SPECIFICATION

Model No:	AK485DX	AK490DX
Air Consumption:	150L/Min	150L/Min
Minimum/Maximum Air Pressure:	7-8bar	6-8bar
Nett Weight:	94.2kg	103kg
Cup Capacity:		10L
Pan Capacity:		20L
Tank Capacity:		100L
Air Supply Pressure:		7-8bar
Oil Discharge Pressure:		0.18-0.2Mpa
Working Oil Temperature:		40-60°C
Contents:		Oil Filter Wrenches: 64/65mm - 14 flutes. 86/87mm -16. 66/67mm -14 84mm-14. 73/74mm-14. 75/76mm-15. 74mm-8. 73/74mm-15. 72/73mm-14. 77mm-12. 78-79mm-15. 73mm-15. 74/75mm-14. 86mm-18. 88/89mm-15. 90/91mm-15. 92/93mm-15. 93/94mm-15. 80mm-12 79/80mm-15. 101mm-15. 91/92mm-15. 89mm-12. 64/65mm-14 64/65mm-14. 95.5mm-16. 91.6mm-16. 27mm-6. 32mm-6. 36mm-6 86.3mm-16. 74.4mm-14. Ring Spanner 251mm. Small Handcuff Wrench 65-85mm. Medium Handcuff Wrench 80-100mm. 9x square sockets (5/16" - 3/8" - 7 - 8 - 10 - 11 - 12 - 13 - 14 mm). 7x hex sockets (8 - 9 - 10 - 12 - 13 - 14 - 17 mm). 2x extension bar (3" & 6"). 1x sliding T-bar 1x spline socket M16. 1x torx socket T45. 1x triangle socket 10 mm. 1x socket 10 mm. 1x L Wrench 1/2*250mm. 1x Wrench 1/2*250mm. 1x Wrench 1/2*125mm. PVC Oil Suction Wands: 1x Ø8mm 1m long (6.5 L/ Min. pumping rate). 1x Ø8mm 800mm long (6.5 L/Min. pumping rate) 1x Ø6mm 1m long (3.7 L/Min. pumping rate). 1x Ø6mm 800mm long (3.7 L/Min. pumping rate). 1x Ø5mm 800mm long (1.9 L/Min. pumping rate)

4. CONTENTS



A	Negative Pressure Gauge
B	Silencer
C	Air inlet
D	Oil Suction Wands
E	Oil Suction Hose
F	Oil Suction Hose Valve
G	Oil Discharge Hose Valve
H	Air Inlet
I	Oil Level Sight Window
J	Wheels
K	Measuring Cup Press Valve
L	Safety Valve
M	Oil Discharge Hose
N	Pressure Gauge
O	Air Inlet Valve
P	Lifting Rod
Q	Handle
R	Glass Measuring Cup
S	No-return Safety Valve
T	Tool Cabinet
U	Oil Catch Pan
V	Tool Tray
W	Oil Tank
X	Transparent Hose

1. English Manual x1	2. Measuring Cup x1	3. Oil Catch Pan x1	4. Silencer x1	5. Handle x1
6. Oil Suction Wands x5	7. Lifting Rod x1	8. Oil Storage Tank x1	9. Swivel Castors x4	

5. ASSEMBLY

- 5.1. Attach the wheels (J).
- 5.2. Mount the measuring cup (R) onto main unit and turn clockwise until it is fully seated.
- 5.3. Attach transparent hose (X) to the measuring cup.
- 5.4. Mount the lifting rod (P) onto main unit and turn clockwise until it is fully seated.
- 5.5. Attach pressure gauge (N).
- 5.6. After installation, ensure the lifting rod is perpendicular to the equipment.

6. OPERATION

6.1. HOW TO EXTRACT OIL WITH THE MEASURING CUP USING AN AIR SUPPLY

- 6.1.1. Close the measuring cup pressure valve (K) by turning it clockwise until it pops up into the closed position. To release it, push it down and turn it to the open position.
- 6.1.2. Attach the air source to the air inlet (C). The negative pressure gauge holder (A) should move to 0.06 - 0.08 Mpa, then stop pressurisation.
- 6.1.3. Connect the compressed air supply to the air inlet valve. Ensure the oil discharge hose valve (F) is in the closed position, then close the measuring cup pressure valve (K) by turning it clockwise until it pops up into the closed position to pressurise the system. Attach the appropriate oil suction wand (D) to the oil discharge hose, then insert the suction wand into the engine's dipstick tube until it reaches the bottom of the oil sump. Gradually open the oil discharge hose valve (F) to begin extracting the engine oil. When the extraction is complete, close the oil discharge hose valve before removing the suction wand.

6.2. HOW TO DISCHARGE OIL FROM MEASURING CUP TO TANK

- 6.2.1. When the oil level in the cup reaches the warning line (8L), discharge the waste oil into the tank.
- 6.2.2. Turn to close measuring cup pressure valve (K) from the open position. Waste oil will flow into the tank.
NOTE: to extend the life of the measuring cup, **DO NOT** close the oil sucking and discharge valve if not discharging.
NOTE: if oil temperature exceeds 80°C, it may damage the equipment components.

6.3. HOW TO COLLECT WASTE OIL FROM VEHICLE VIA GRAVITY FEED

- 6.3.1. Use lifting equipment to lift the car to an appropriate height.
- 6.3.2. Clear a safe working area, move the equipment under the vehicle engine, and align the pan with the engine oil discharge hole.
- 6.3.3. Unscrew the oil discharge plug of the vehicle engine for discharging.

6.4. EMPTYING THE WASTE OIL TANK

- 6.4.1. Close the measuring cup press valve (K) by turning it clockwise until it pops up into the closed position.
- 6.4.2. Close air inlet valve (O).
- 6.4.3. Attach the air supply to the air inlet (H).
- 6.4.4. Slowly open the waste tank air inlet valve (O) to pressurise the oil tank. When the pressure gauge (N) moves to 0.18 - 0.2Mpa, immediately close the air inlet valve to stop further pressurisation.
NOTE: when the pressure exceeds the threshold set by the safety valve (S), the safety valve will automatically release the pressure. Close the air inlet valve (O). **DO NOT** pressurise the tank continuously.
- 6.4.5. With the waste oil discharge hose (M) mounted in/over a suitable container, open the waste oil discharge valve (G) to discharge the waste oil.
- 6.4.6. After discharging, unplug the air source and release tank pressure by opening the air inlet valve (O).
- 6.4.7. Open the measuring cup press valve (K) and leave open for subsequent storage of the unit.



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



REGISTER YOUR
PURCHASE HERE

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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